

8の持っている比較的大きな記憶領域に保存しておいたり、カーオーディオシステムの設定などをハンドヘルドパソコン8を通して他の車のカーオーディオシステムに移し替えたり、といったいろいろな使い方も可能になる。

【0102】〔3. 効果〕以上のように、この実施形態では、カーオーディオシステムを制御するコンピュータが汎用的なOSを備えていて、この汎用的なOSは、CPUやメモリといった資源を管理することでコンピュータの能力を最大限発揮させ、また、プログラムに依存しない統一的で使いやすいユーザインタフェースを提供し、さらに、予め決められた形式のプログラムを追加したり変更することで機能の追加や変更も容易にする。このため、複雑なカーオーディオシステムの制御が容易になる。

【0103】また、OSの規格にあったプログラムであれば、車内でもいろいろなプログラムを使うことが可能になり、カーオーディオシステムの表示部や操作キー、スピーカといった機器を利用して情報処理をすることも可能になる。もちろん、この場合でも、ハンドヘルドパソコン並の大きなメモリを使ってユーザが自分の個人的な情報を保存したり、パソコンのように情報を編集することができる。

【0104】また、この実施形態では、コンピュータのCPUと、カーオーディオシステムの機器とが、互いの形式に対応した違ったバスを使ってデータをやり取りし、データは、2つのバスの間では必要に応じて形式を変換して受け渡される。このため、各機器の動作よりCPUの動作が速くても、CPUは各機器の動作サイクルに合わせる必要がなく、メモリなどを効率よくアクセスすることで複雑な処理を高速に行うことができる。また、CPUがやり取りするデータと、機器がやり取りするデータとが、同じバスの伝達能力を奪い合うことがないので、コンピュータとカーオーディオシステムの両方がそれぞれの動作をスムーズに行うことができる。

【0105】また、機器を接続するためのバスを使って音の信号を再生しながら、同時に、CPUの形式に対応したバスを使って別の処理を行うといったマルチタスクが容易になる。また、CPUを別の形式のものに変える場合も、各機器と、それら機器を接続するためのバスはそのまま、CPUの形式に対応したバスだけを新しいCPUの形式に合わせて変えればよいので、CPUの変更にも容易に対応することができる。

【0106】特に、この実施形態では、複数の機器を手づる式に次々と、デジチェーン形式でつないでゆくことができる。このため、機器の数が増えたり車内のあちこちに機器を分散設置するときも、スター方式のように長い配線が1箇所に集中することがなく設置が容易になる。また、配線がすっきりわかりやすくなるので、カーオーディオシステムの構成を変えたり保守や修理をす

ることも容易になる。

【0107】加えて、この実施形態では、オーディオデータであるか文字データであるかといったデータの種別とは関係なく、どのようなデータもUSBなどを通してデジタルデータとしてやり取りされ、処理されるので、環境変化やノイズの影響を受けにくく、オーディオ特性も安定する。

【0108】〔4. 他の実施の形態〕なお、本発明は上に述べた実施形態に限定されるものではなく、次に例示するような他の実施の形態も含むものである。例えば、上に述べた実施形態では、コンピュータのOSの具体例としてWindows CEを挙げたが、これは単なる例示に過ぎないので、他の種類の既にあるOSを使ったり、今後新しく登場するOSを使うことも本発明の範囲に含まれる。

【0109】また、上に述べた実施形態では車載用のカーオーディオシステムを制御する例を示したが、本発明は、家庭内で据え置き型ステレオなどの電気製品を制御するのに使うことも可能で、この場合も、新しいアプリケーションソフトウェアを使ったり、全体が小型で済むといった本発明の利点を活かすことができる。

【0110】また、上に述べた実施形態では、いろいろなバスや通信回路について具体的な規格を挙げたが、そのような規格は例示に過ぎず、同じような使い方ができるほかの規格に置き換えることもできる。また、例えば、第1のバスや第2のバスは、CPUモジュールとサポートモジュールをワンチップ化することで内部バスにすることもできる。

【0111】

【発明の効果】以上のように、本発明によれば、汎用的なOSを持つコンピュータとカーオーディオシステムを組み合わせることで互いの利点を活かし、複雑なカーオーディオシステムも容易に制御し、コンピュータの使い方も広げることができる。

【図面の簡単な説明】

【図1】この発明の実施形態の全体構成を示すブロック図。

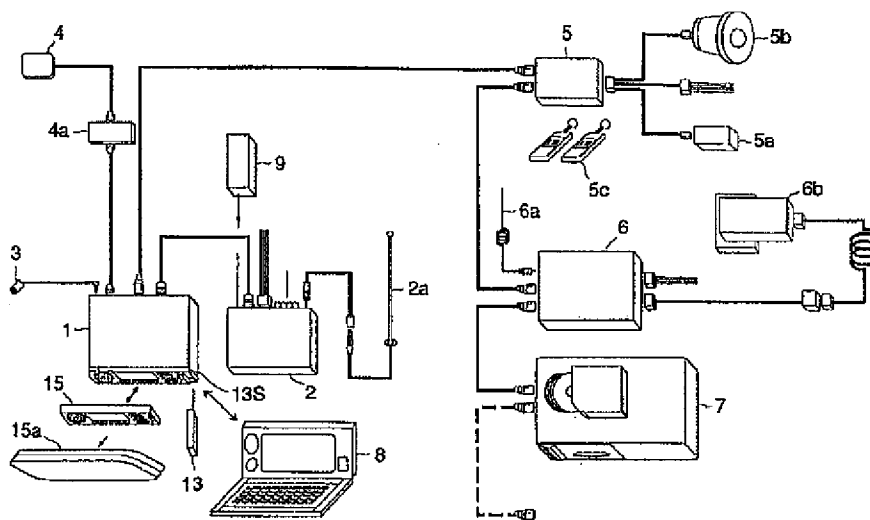
【図2】この発明の実施形態について、メインユニットの内部構成を中心に示したブロック図。

【符号の説明】

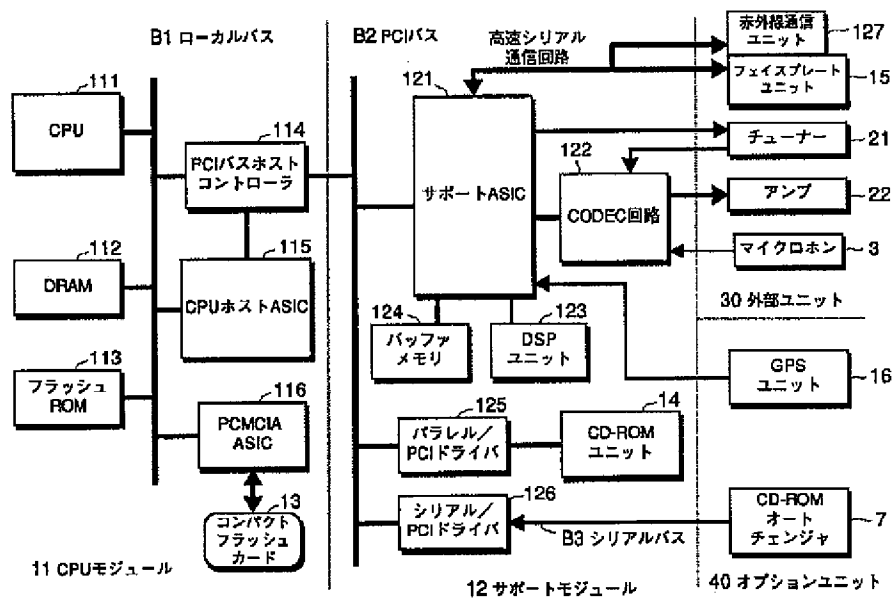
- 1…メインユニット1
- 11…CPUモジュール
- 111…CPU
- 112…DRAM
- 113…フラッシュROM
- 114…PCIバスホストコントローラ
- 115…CPUホストASIC
- 116…PCMCIA・ASIC
- 12…サポートモジュール
- 121…サポートASIC

- 122…CODEC回路
- 123…DSPユニット
- 124…バッファメモリ
- 125…パラレル/PCIドライバ
- 126…シリアル/PCIドライバ
- 127…赤外線通信ユニット
- 13…コンパクトフラッシュカード
- 13S…ソケット
- 14…CD-ROMユニット
- 15…フェイスプレートユニット
- 15a…ケース
- 16…GPSユニット
- 2…チューナーアンプユニット
- 2a…アンテナ
- 21…チューナー
- 22…アンプ
- 3…マイクロホン
- 4…GPSアンテナ
- 4a…受信機
- 5…セキュリティコントロールユニット
- 5a…センサ
- 5b…サイレン
- 5c…送信機
- 6…電話ユニット
- 6a…アンテナ
- 6b…ハンドセット
- 7…CD-ROMオートチェンジャ
- 8…ハンドヘルドパソコン
- 9…補助バッテリー
- 30…外部ユニット
- 40…オプションユニット

【図1】



【図2】



フロントページの続き

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PATENT ABSTRACTS OF JAPAN

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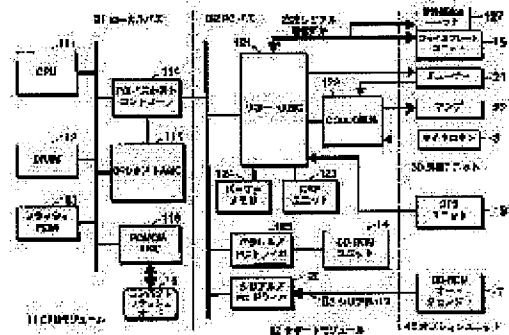
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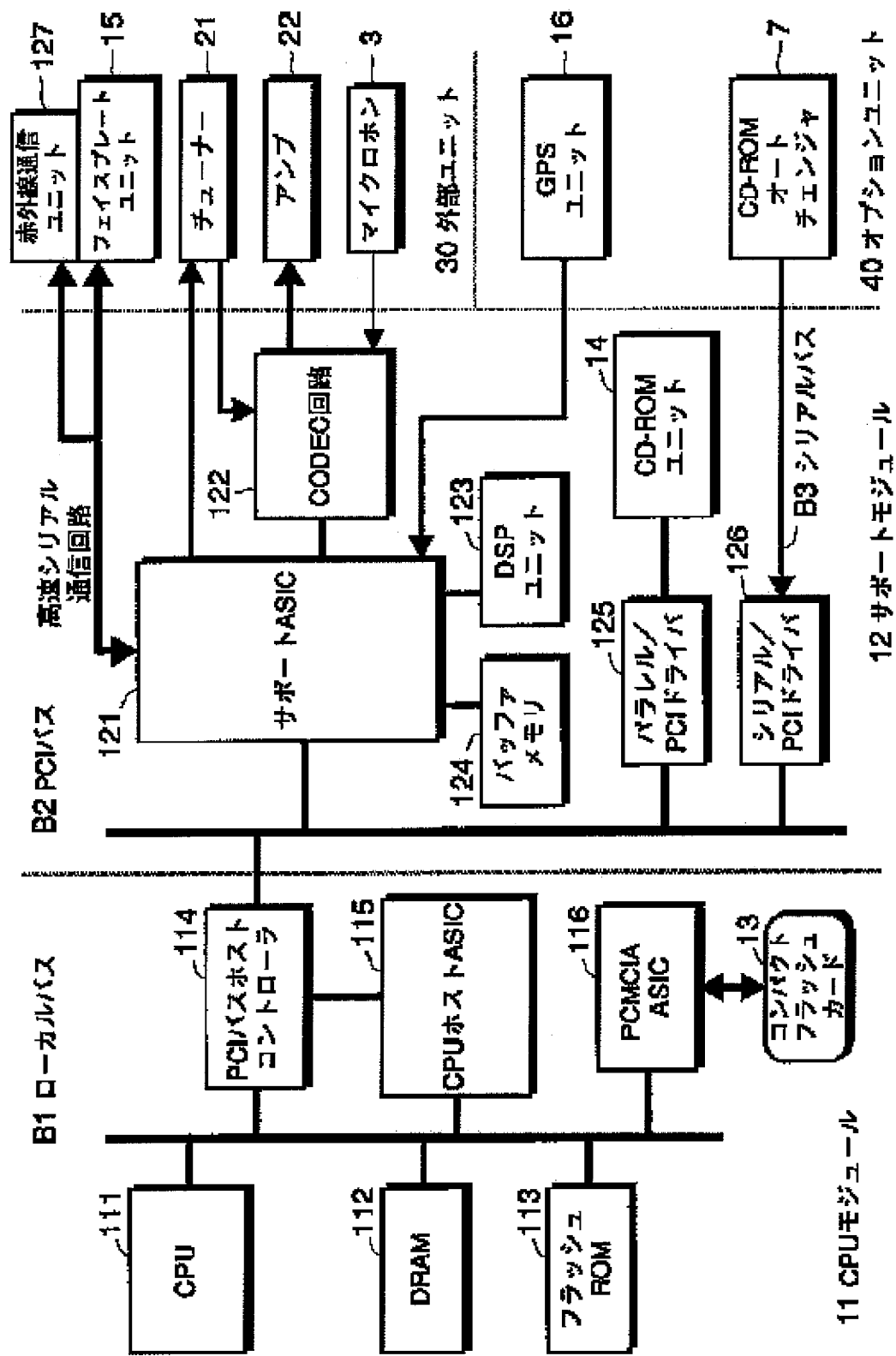
(54) CAR AUDIO SYSTEM, VEHICLE-MOUNTED COMPUTER, AND METHOD FOR CONTROLLING CAR AUDIO SYSTEM

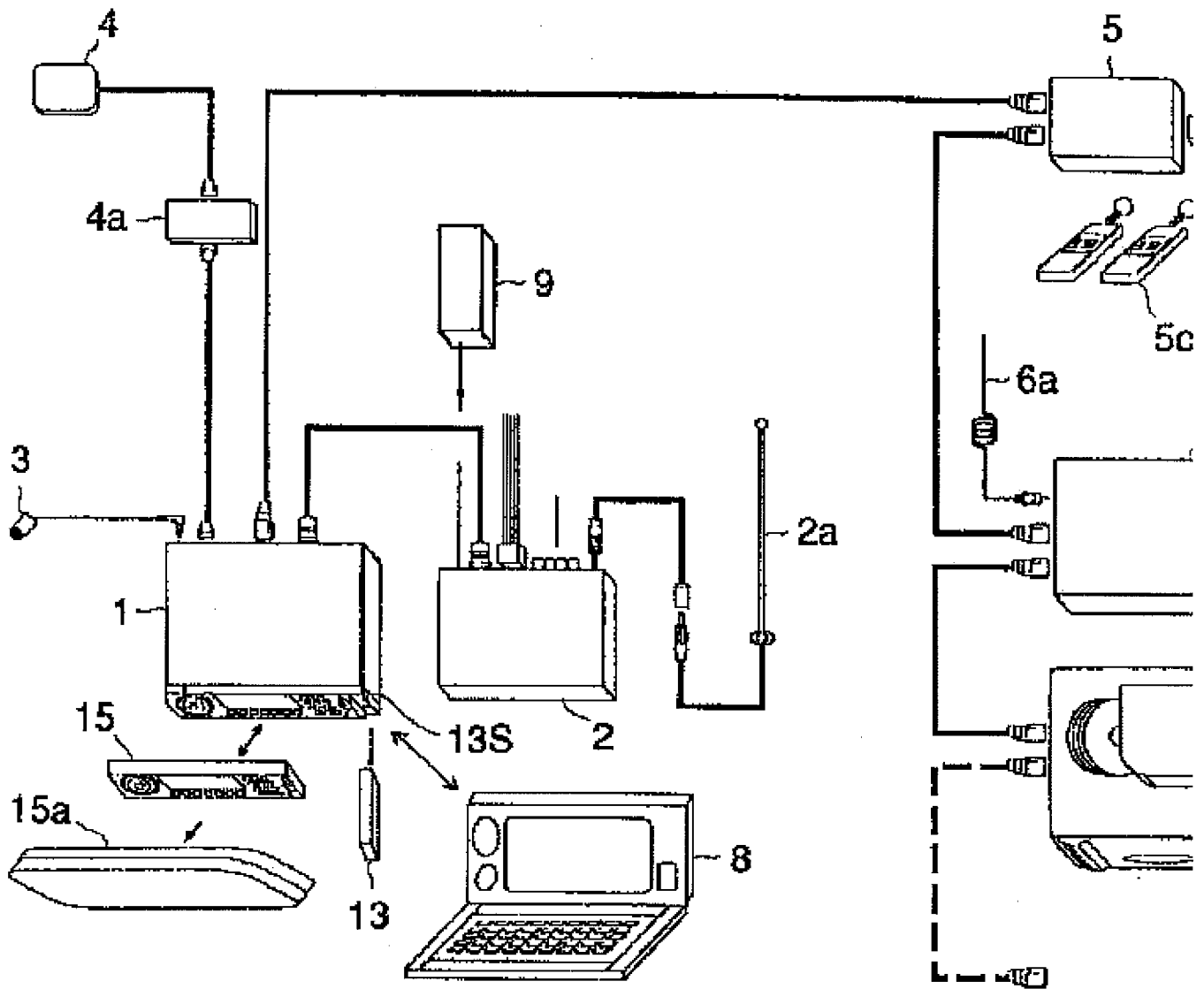
(57)Abstract:

PROBLEM TO BE SOLVED: To utilize both advantages by combining a compact computer with a universal OS and a car audio system.

SOLUTION: A local bus B1 corresponding to the form of a CPU 11 included in a computer, a PCI bus B2 for connecting equipment 15, 21, 22, 3, 16, and 7 included in a car audio system, and a PCI bus host controller 114 for converting data form between the buses B1 and B2 are provided. An OS for the CPU 111 is stored in a flash ROM 113. The CPU 111 can speedily perform complex processing by efficiently accessing a memory 112 or the like. The computer and the car audio system can be operated smoothly. A multi-task can be facilitated, where another processing can be made with another path while an audio signal is being reproduced. Only the path corresponding to the form of the CPU 111 may be changed when the form of the CPU 111 is to be changed.







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- 3.In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1]A car audio system comprising provided with a computer for control:

A means by which said computer is provided with an operating system and this operating system manages resources on a computer.

A means to execute a program of form beforehand decided to be a means to control input and output containing a user interface.

[Claim 2]A car audio system comprising provided with a computer for control:

The 1st bus corresponding to form of CPU contained in said computer.

The 2nd bus for connecting apparatus contained in said car audio system.

[Claim 3]A car audio system comprising provided with a computer for control:

A local bus corresponding to form of CPU contained in said computer.

A PCI bus for connecting apparatus contained in said car audio system.

[Claim 4]The car audio system according to claim 2 or 3 provided with a means to change form of data between said each bus.

[Claim 5]A car audio system of any one statement of four from claim 1 provided with the 3rd bus for connecting two or more apparatus contained in said car audio system in daisy chain form.

[Claim 6]A computer for mount characterized by comprising the following.

An operating system which realizes environment required in order to execute a program of form decided beforehand.

A means to control a car audio system and said car audio system.

[Claim 7]A computer for mount provided with a car audio system characterized by comprising the following.

The 1st bus corresponding to form of CPU contained in said computer.

The 2nd bus for connecting apparatus contained in said car audio system.

[Claim 8]A computer for mount provided with a car audio system characterized by comprising the following.

A local bus corresponding to form of CPU contained in said computer.

A PCI bus for connecting apparatus contained in said car audio system.

[Claim 9]The computer for mount according to claim 7 or 8 provided with a means to change form of data between said each bus.

[Claim 10]A computer for mount of any one statement of nine from claim 6 provided with the 3rd bus for connecting two or more apparatus contained in said car audio system in daisy chain form.

[Claim 11]A control method of a car audio system which controls a car audio system using a computer provided with an operating system characterized by comprising the following.

A step which realizes environment which needs said operating system in order to execute a program of form decided beforehand.

A step by which said program controls said car audio system.

[Claim 12]A control method of a car audio system which controls a car audio system using a computer characterized by comprising the following.

A step with which CPU contained in said computer exchanges data through the 1st bus corresponding to form of this CPU.

A step which exchanges data through the 2nd bus for apparatus contained in said car audio system to connect apparatus.

[Translation done.]

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Field of the Invention]This invention is combining a small computer with general-purpose OS, and a car audio system, and relates to the art of harnessing a mutual advantage.

[0002]

[Description of the Prior Art]In recent years, progress with remarkable art of a semiconductor is accomplished and the electronic equipment of various fields has become a miniaturization and highly efficient by using a semiconductor. Thus, one of the electronic equipment made a miniaturization and highly efficient by using a semiconductor has a personal computer (henceforth a "personal computer").

[0003]The small personal computers (it names generically the following "hand-held PC") called [especially] a handheld computer (carried type), a palm top, etc. these days are also increasing in number. Windows(registered trademark of Microsoft Corp.) CE etc. are known, for example as base software (it is called below Operating System: "OS") suitable for such a hand-held PC, i.e., an operating system.

[0004]Such a general-purpose OS realizes advanced throughput by managing finely throughput, a memory, etc. of CPU which the computer has, or, If it is a program of the form which provided the user interface independent of a program which it is unific and is easy to use, or was decided beforehand, it has the advantage that the current update of the function of a computer can be carried out by carrying out a current update freely.

[0005]As another electronic equipment which similarly has been made a miniaturization and highly efficient by using a semiconductor, the car audio system and car-navigation system which are carried in a car are mentioned. Among these, a car audio system is commonly called a car stereo etc., and combines the tuner of a CD player, AM, or FM, etc. with amplifier, a loudspeaker, etc. A car-navigation system is a shown system to which a screen display of the

map is carried out to the specified destination, pinpointing the current position of a car using an azimuth magnet, an odometer, GPS, etc.

[0006]These days, since a car-navigation system, a handsfree cellular phone, an anti-theft alarm system, etc. are combined with a car audio system in many cases, the electronic equipment for these mount is hereafter named a "car audio system" generically.

[0007]

[Problem(s) to be Solved by the Invention]The hand-held PC provided with OS which was described above, and the car audio system were mutual completely separate in the former. That is, although the car audio system which prepared the computer in the large meaning for control existed, the computer in this case is called the embedded system which works only for the specific purpose.

[0008]CPU with necessary minimum capability is used for this embedded system, and it realizes necessary minimum processing to the hardware of receiving an operation switch or operating a disk reproduction mechanism, by the small program using an assembler etc. For this reason, usage of carrying out the change addition of the function by carrying out processing and preservation of data like a personal computer, or carrying out the change addition of the program cannot be done.

[0009]On the other hand, it did not have a function which a hand-held PC sounds music itself, or controls a car audio system. For this reason, although the user might carry the hand-held PC into in the car as a matter of fact, he did not use, having connected with the car audio system.

[0010]By the way, the latest car audio system, Not only in conventional apparatus called the tuner, cassette tape deck, and CD player of radio, Many apparatus is increasingly built into the condition of an MD player, CD, the autochanger of MD, a car-navigation system, the voice recognition equipment that recognizes a user's command, a handsfree cellular phone, and an anti-theft alarm system. And it is dramatically difficult to master the car audio system which becomes complicated in this way only with the switch in which it was provided by each device.

[0011]That is, when a car audio system becomes complicated in this way, many switches, such as an operation key and a dial, will be in various places in the car. For this reason, it is serious to memorize which is what operation key.

[0012]Namely, in order to master the car audio system which becomes complicated. To use for control an information processor equivalent to the hand-held PC provided with the small computer with the pliability which can carry out the current update of the function about the advanced throughput which controls a complicated system, the user interface, and control which are easy to use, and especially general-purpose OS is desired.

[0013]Even if it thinks from the hand-held PC side, a car is used like the present age in many cases, and in the car is wanted to expand the width of practical use in society also with much

dependent on a program and which it is unific and is easy to use is provided, and an addition and change of a function are made easy by adding a program of form decided further beforehand, or changing. For this reason, control of a complicated car audio system becomes easy. It becomes possible for in the car to use various programs, or to process information using apparatus of a car audio system.

[0017]An invention of claim 2 was provided with the 1st bus corresponding to form of CPU contained in said computer, and the 2nd bus for connecting apparatus contained in said car audio system in a car audio system provided with a computer for control. An invention of claim 7 was provided with the 1st bus corresponding to form of CPU contained in said computer, and the 2nd bus for connecting apparatus contained in said car audio system in a computer for mount provided with a car audio system. An invention of claim 12 is what caught an invention of claim 2 from a view of a method, In a control method of a car audio system which controls a car audio system using a computer, A step with which CPU contained in said computer exchanges data through the 1st bus corresponding to form of this CPU, Apparatus contained in said car audio system contains a step which exchanges data through the 2nd bus for connecting apparatus. An invention of claim 3 was provided with a PCI bus for connecting apparatus contained in said car audio system with a local bus corresponding to form of CPU contained in said computer in a car audio system provided with a computer for control. An invention of claim 8 was provided with a PCI bus for connecting apparatus contained in said car audio system with a local bus corresponding to form of CPU contained in said computer in a computer for mount provided with a car audio system. An invention of claim 4 was provided with a means to change form of data between said each bus, in the car audio system according to claim 2 or 3. An invention of claim 9 was provided with a means to change form of data between said each bus, in the computer for mount according to claim 7 or 8. In an invention of claims 2, 3, 7, 8, and 12, data is exchanged using a bus CPU of a computer and apparatus of a car audio system made the mistake in corresponding to a mutual form, and between two buses, if needed, data changes form, wins popularity and is passed (claims 4 and 9). For this reason, even if operation of CPU is quicker than operation of each apparatus, it is not necessary to double CPU with a motion cycle of each apparatus, and complicated processing can be performed at high speed by accessing a memory etc. efficiently. Since data which CPU exchanges, and data which apparatus exchanges do not scramble for communicative competence of the same bus, it can operate smoothly in both a computer and a car audio system. Multitasking of performing another processing using a bus corresponding to form of CPU becomes easy simultaneously, reproducing a signal of a sound using a bus for connecting apparatus. Also when changing CPU into a thing of another form, a bus for connecting these apparatus with each apparatus remains as it is, and since what is necessary is to change only a bus corresponding to form of CPU according to form of new CPU, it can

respond also to change of CPU easily.

[0018]An invention of claim 5 was provided with the 3rd bus for connecting two or more apparatus contained in said car audio system in a car audio system of any one statement of four from claim 1 in daisy chain form. An invention of claim 10 was provided with the 3rd bus for connecting two or more apparatus contained in said car audio system in a computer for mount of any one statement of nine from claim 6 in daisy chain form. In an invention of claims 5 and 10, two or more apparatus can be connected in daisy chain form one after another, and it can die. For this reason, also when the number of apparatus increases or distributed installation of the apparatus is carried out here and there [in the car], long wiring is not concentrated in one place like a star method, and installation becomes easy. Since wiring becomes intelligible shapely, it also becomes easy to change composition or to carry out maintenance and repair.

[0019]

[Embodiment of the Invention]Next, an embodiment of the invention (henceforth a "embodiment") is concretely described with reference to drawings. Although this embodiment is the car audio system provided with various apparatus, such as a CD player, it is provided with the computer provided with general-purpose OS which is used for a hand-held PC, and also performs control of a car audio system by this computer. The same numerals are attached about the member same about each figure used by the following explanation as the figure explained before it, or the same kind of member, and explanation is omitted.

[0020][1. composition]

[Composition of whole 1-1.] First, drawing 1 is a block diagram showing the entire configuration of this embodiment. As shown in this figure, this embodiment as each apparatus which constitutes a car audio system other than the main unit 1, It has the tuner amplifier unit 2, the microphone 3, the GPS antenna 4, the security control unit 5, the telephone unit 6, the CD-ROM autochanger 7, and the auxiliary battery 9 for power supply backup.

[0021]Among these, the main unit 1 is a portion which builds in the computer for control and controls the whole system by this computer. Although the tuner amplifier unit 2 does not carry out the graphic display other than the antenna 2a of AM and FM, it is the portion provided with a radio tuner and the amplifier for sounding a loudspeaker. The microphone 3 is for inputting a user's voice so that operation by speech recognition can be performed. The function of this speech recognition is realized by the program of the computer described above.

[0022][1-1-1. main unit] The main unit 1 is provided with the socket 13S for inserting CompactFlash card 13, and the face plate unit 15 removed [attach and] and made (drawing 1). CompactFlash card 13 is a storage using a flash memory, and data can be written from the main unit 1 by inserting in the socket 13S formed in the main unit 1. This CompactFlash card 13 is used in order to exchange data, a program, etc. with other computers or to back up

various information sets in this car audio system.

[0023]The face plate unit 15 attached, removed and made, It has the indicator which displays various information on a user, and the final controlling element which provided the operation key for a user to do various operations etc., and is referred to also as DCP (Detachable Control Panel). The indicator of this face plate unit 15 is large-sized color LCD (liquid crystal display) of 64 dots by 256 dots, etc., for example.

[0024]if it removes and carries out when getting off a car, even if a thief looks for a car audio system, neither use nor resale can do this face plate unit 15, also seeing an important indicator not have a final controlling element -- there are ** and a theft preventive effect of giving up stealing. If the removed face plate unit 15 is put into the case 15a and it carries around, it will damage neither itself nor a surrounding thing.

[0025]Although this face plate unit 15 is not shown in drawing 1, it is provided with the infrared-ray-communication unit for exchanging data in the form of the hand-held PC 8, IrDA, etc.

[0026][Apparatus] besides 1-1-2. The GPS antenna 4 is an antenna for receiving an electric wave from a GPS Satellite. The signal from this GPS antenna 4 is sent to the GPS unit in the main unit 1 through GPS receiver 4a. Although this GPS unit is not shown in drawing 1, it calculates the position on the earth with a receiver from an electric wave. On the computer described above, by a program, the function of a car-navigation system is realized and a calculation result is passed to the function of this car-navigation system.

[0027]The security control unit 5 is the sensor 5a which detects vibration and a shock, and when a theft, a mischief, etc. are detected, it is a portion which carries out correspondence of sounding the siren 5b. The telephone unit 6 is a unit which controls the function of a car telephone, and is a portion which realizes the telephone call using the telephone antenna 6a or the hand set 6b. The CD-ROM autochanger 7 is hanging automatically some CDs set beforehand again, and is a unit which plays the disk which the user chose, and music.

[0028][1-1-3. daisy chain connection] Here, these security control unit 5, the telephone unit 6, and the CD-ROM autochanger 7 are connected to the main unit 1 by USB (Universal Serial Bus). This USB is a serial bus (the 3rd bus) for connecting two or more apparatus in daisy chain form.

[0029]The apparatus connected by USB in this way comprises this embodiment so that data with the exterior may be exchanged in the form of this USB. For example, the CD-ROM autochanger 7, Although it has the hub (HUB) the object for upstreams, and for downstreams and digital data is once read from an audio CD or CD-ROM according to ATAPI form (parallel form) inside this CD-ROM autochanger 7, After the read data is changed into the USB (Universal Serial Bus) form which is serial form by the data converter built in, it is sent out to USB.

[0030]The installation becomes easy when installing these units 5, 6, and 7 in the place distant

from the main unit 1, since connection of the units 5 and 6 and the CD-ROM autochanger 7 turns into serial connection with such composition. Although connected in order of the unit 5, the unit 6, and the autochanger 7 in drawing 1, connection order is good also as connection of only arbitrary and required things.

[0031][The internal configuration of a 1-2. main unit] Next, drawing 2 is a block diagram showing the main things among each portion described above, and is especially explained focusing on the concrete composition of main unit 1 inside. This whole figure is divided into four with the dashed line, in the left, CPU module 11 and a center become the support module 12, the upper right becomes the external unit 30, and the lower right has become the option unit 40. Among these, CPU module 11 and the support module 12 are formed in the inside of the main unit 1.

[0032]The external unit 30 and the option unit 40 have pointed out collectively the apparatus of every some connected to the main unit 1. On account of explanation, CompactFlash card 13 is shown in the direction under CPU module 11, and drawing 2 shows the face plate unit 15 to the direction on the external unit 30.

[0033]Among these, CPU module 11 and the support module 12 constitute the computer for control which controls the whole car audio system. Among these, CPU module 11 is a portion which carries out logical data processing centering on CPU111, and the support module 12 is a portion which performs input and output with other apparatus contained in a car audio system.

[0034]The local bus B1 (the 1st bus) formed considering CPU111 as a center is a way with CPU module 11 as [main] data. PCI (Peripheral Component Interconnect) for that it is a way by the support module 12 as [main] data to connect each apparatus on the other hand It is bus B-2 (the 2nd bus).

[0035][Composition of a 1-2-1. CPU module] The local bus B1 of CPU module 11, It is what was doubled with the form of CPU111, and DRAM112, the flash ROM 113, the PCI bus host controller 114, CPU host ASIC115, and PCMCIA-ASIC116 are connected to this local bus B1. Among these, DRAM112 is a portion which provides work areas, such as a variable area, when CPU111 processes information in control of a car audio system, etc.

[0036]The flash ROM 113 is rewritable ROM and is a portion which stores the software in large meanings, such as OS, BIOS, and an application program, here. The function of OS stored here manages the resources on a computer, It is controlling the input and output containing a user interface, executing the program of the form decided beforehand, etc., for example, what used as the base Windows CE which conventional technology described by the way can be considered.

[0037]The PCI bus host controller 114 is a means to change the form of the data which connects the local bus B1 and PCI bus B-2, and is exchanged between these two buses.

[0038]"ASIC", such as CPU host ASIC115, is the abbreviation for Application Specific Integrated Circuit, and points out IC and LSI which were made for specific uses to general-purpose integrated circuits, such as ROM, RAM, and CPU. Specifically, this CPU host ASIC115 is ASIC for the interface of the local bus B1 and the PCI bus host controller 114. This CPU host ASIC115 [that is,], Between PCI bus B-2 and CPU module 11, are a portion which becomes a window of the data exchanged and specifically, Input and output with CPU module 11 and the exterior are performed instead of CPU111, and also it is recognized whether it is a thing of the kind passed to CPU111 about the data sent from PCI bus B-2.

[0039]And although what should pass CPU host ASIC115 to CPU111 is sent to CPU111 through the local bus B1, CPU111 does not need to calculate to the other thing, for example, the sent data, and such a reaction is returned about that for which it is sufficient if the reaction for which it opted beforehand is returned mechanically.

[0040]PCMCIA-ASIC116 CompactFlash card 13, It is a portion for an interface corresponding to being based on the standard of PCMCIA (Personal Computer Memory Card International Association) as what is called a PC card, It is a portion which controls the reading and writing of data to CompactFlash card 13.

[0041][Composition in connection with a 1-2-2. support module] Next, PCI bus B-2 of the support module 12 is a bus for exchanging data among various apparatus which constitutes a car audio system. Here, as apparatus connected to this PCI bus B-2, there are the external unit 30 and the option unit 40, and these have pointed out some apparatus collectively, respectively.

[0042]That is, the external unit 30 is unit with the another main unit 1 shown in drawing 1, and in this example specifically, It is the tuner 21, the amplifier 22, and the microphone 3 which were formed in the face plate unit 15 attached, removed and made from the main unit 1, and the tuner amplifier unit 2. Among these, the face plate unit 15 is provided with the infrared-ray-communication unit 127.

[0043]The option unit 40 is a unit from which it can choose whether to include in this car audio system as an option, and, specifically, are GPS unit 16 and the CD-ROM autochanger 7 in this example. There is the CD-ROM unit 14 in the inside of the main unit 1, and this CD-ROM unit 14 is also connected to PCI bus B-2. This CD-ROM unit 14 is a player for reading digital data from one CD or CD-ROM. These CD-ROM autochanger 7 and the CD-ROM unit 14 have the compatibility that data can also be read from what is called an audio CD, and both can also read data from CD-ROM (it is compatible).

[0044]In the support module 12, in order for PCI bus B-2 to exchange data among these apparatus, Support ASIC121, CODEC circuit 122, DSP unit 123, the buffer memory 124, the parallel / PCI driver 125, and the serial / PCI driver 126 are used.

[0045]Among these, support ASIC121 is a portion which controls traffic in the data where to

send the data which came from where between the support module 12 and each apparatus. "CODEC" of CODEC circuit 122 is an abbreviation of "Coder/Decoder", i.e., the coding decryption art of data, and this CODEC circuit 122, For example, it is a portion which performs the A/D conversion etc. which carry out D/A conversion which changes the given digital data into an analog signal, or change an analog signal into digital data conversely.

[0046]"DSP" of DSP unit 123 is an abbreviation to mean a digital sound processor, i.e., the circuit which processes the signal of the sound of digital format specially, and this DSP unit 123, When the digital data showing music etc. can be given, as items, such as balance of the right and left set as the system, volume, Feder, surround, and an equalizer, are reflected in the contents of the sound, it is a portion which processes digital data.

[0047]By audio equipment and PCI bus B-2s, such as a CD-ROM unit, since the buffer memory 124 differs in the cycle which write data, it is a buffer for this difference to be filled up with storing data and taking it out little by little, and comprises SRAM etc.

[0048]Parallel / PCI driver 125 is portions which change into the data format of PCI bus B-2 the digital data of parallel form sent from the CD-ROM unit 14. A serial / PCI driver 126 is portions which change into the data format of PCI bus B-2 the digital data of serial form sent from the CD-ROM autochanger 7.

[0049]The face plate unit 15 containing the infrared-ray-communication unit 127, It is connected to support ASIC121 in a high-speed serial communication circuit, and GPS unit 16 is connected to support ASIC121 in start-stop serial communication circuits, such as UART (UniversalAsynchronous Receiver-Transitter). The CD-ROM unit 14 is connected to parallel / PCI driver 125 by parallel communication circuits, such as ATAPI (AT Attachment Packet Interface). Although a graphic display is not carried out, ASIC which manages an exchange of the data based on infrared rays is provided in the infrared-ray-communication unit 127.

[0050][2. operation] This embodiment constituted as stated above works as follows.

[2-1. -- overall operation]

[2-1-1. entry of data] According to this embodiment, the direct entry of the digital data is carried out to support ASIC121 of the support module 12 among the data inputted from each apparatus. For example, the data which key was pressed is sent from the face plate unit 15. From GPS unit 16, digital data called the latitude and longitude which were calculated using the electric wave from a GPS Satellite is sent. From the infrared-ray-communication unit 127 provided in the face plate unit 15, the digital data transmitted with infrared rays from the hand-held PC 8 is sent.

[0051]From the CD-ROM unit 14 and the CD-ROM autochanger 7. The data of the sound read from the audio CD, i.e., audio information, After the digital data read from CD-ROM, i.e., CD-ROM data, is changed into the data format of PCI bus B-2 by parallel / PCI driver 125, and the serial / PCI driver 126, it is sent to support ASIC121 via PCI bus B-2.

[0052]Although not shown in drawing 2, the digital data which tells generating of abnormalities is sent from the security control unit 5 shown in drawing 1. Similarly, from the telephone unit 6 shown in drawing 1, the digital data which tells the telephone number of the mail arrival and dispatch origin of a telephone call, etc., i.e., alphabetic data, is sent, and the digital data which tells a partner's voice, i.e., voice data, is sent during a telephone call support ASIC121.

[0053]These security control unit 5 and the telephone unit 6, Since daisy chain connection is carried out to the serial bus B3, the information sent from the security control unit 5 or the telephone unit 6, Like the digital data from the CD-ROM autochanger 7, after being changed into the data format of PCI bus B-2 by a serial / PCI driver 126, it is sent via PCI bus B-2.

[0054]On the other hand, among the data inputted from each apparatus, after the analog signal was once inputted into CODEC circuit 122 and is changed into digital data by this CODEC circuit 122 (A/D conversion), it is passed to support ASIC121. For example, from the microphone 3, a user's voice is inputted with an analog signal, and the contents of broadcast of the radio received as a result of tuning are inputted with an analog signal from the tuner 21.

[0055]Destination [of the data of which the [2-1-2. input was done]] The role of traffic control which information support ASIC121 sends where is played to the information for which it gathers in this way. That is, roughly, support ASIC121 was processed with DSP unit 123, and also it sends the data of a sound to the amplifier 22 through CODEC circuit 122, and data other than a sound is sent to CPU module 11. However, the data inputted from the microphone 3 also in the data of a sound is sent to CPU module 11 for speech recognition.

[0056]The contents of the radio broadcast tuned up by the tuner 21 as data of a sound sent to the amplifier 22, for example, The voice etc. of the contents of sound recording read from the audio CD with the CD-ROM unit 14 or the CD-ROM autochanger 7 and the call partner seen off from the telephone unit 6 can be considered.

[0057]The data of which operation key was pressed by the face plate unit 15 as data other than a sound, for example, With the digital data, the CD-ROM unit 14, and the CD-ROM autochanger 7 which are called the latitude and longitude which have been sent from the data of the file etc. which have been sent from the infrared-ray-communication unit 127, and GPS unit 16. The contents of the map for car-navigation systems and the contents of the information for every area which were read from CD-ROM, The data which tells the abnormal occurrence led from the security control unit 5, the data which tells the telephone number etc. of telephone call arrival [which is sent from the telephone unit 6] and dispatch origin, etc. can be considered.

[0058][Information processing with a 2-1-3. CPU module] In CPU module 11, if digital data is sent from support ASIC121, after the PCI bus host controller 114 changes the sent data into the data format of the local bus B1, CPU host ASIC115 will be passed. If this CPU host ASIC115 manages input and output instead of CPU111 and is passed data, it will judge [what

that data should pass to CPU111, or] from the form of data, etc. whether that is right.

[0059]That is, the other data is passed to CPU111 although the reaction for which it opted beforehand to the data for which it is sufficient if CPU host ASIC115 returns a fixed reaction mechanically is returned to the support module 12 through the PCI bus host controller 114.

[0060]CPU111 processes the passed data according to the code of OS and the program which are recorded on the flash ROM 113, and uses DRAM112 as storage areas, such as a work area required in the case of this processing. For example, when a user's voice inputted from the microphone 3 is sent, CPU111, The parameter showing the feature of the instruction word currently prepared beforehand, a waveform, etc. are compared with the voice of the user who received, a most alike instruction word is presumed to be what the user said, and it operates according to the instruction word.

[0061]In CPU module 11, according to the request from CPU111, reading and writing of CompactFlash card 13 are performed, when CPU host ASIC115 controls PCMCIA-ASIC116.

[0062]And the result of information processing by CPU111 is sent to the support module 12, after being changed into the data format of PCI bus B-2 by the PCI bus host controller 114. As data sent to the support module 12 as a result of information processing, it is instructions of the operation to each portion and each apparatus of the support module 12, etc., and processing of input and output etc. is performed in the support module 12 according to the data sent in this way.

[0063][Processing of input and output with a 2-1-4. support module etc.] For example, if the instructions which tuning of the data read from CD or radio is made arrive from CPU module 11, the CD-ROM unit 14, the CD-ROM autochanger 7, and the tuner 21 will perform operation according to it. If the instructions which change the sound source of the sound which has come out of the loudspeaker to apparatus different from the present arrive from CPU module 11, support ASIC121 will change the digital data sent out to CODEC circuit 122 from the thing of the apparatus till then to what is depended on the apparatus specified newly.

[0064]When outputting digital data to the amplifier 22, since the amplifier 22 receives only an analog signal, after CODEC circuit 122 changes digital data into an analog signal (D/A conversion), it outputs it to the amplifier 22.

[0065]If the indicative data to a user is sent to support ASIC121 from CPU module 11 or other apparatus, for example, support ASIC121 will transmit this indicative data to the face plate unit 15 through a high-speed serial communication circuit. In this case, in the face plate unit 15, the information to a user is displayed on an indicator according to the transmitted indicative data.

[0066]Then, work of each portion which was described above explains concretely how a user can use the car audio system of this embodiment.

[0067][Presenting of 2-2. operation and information] When operating the car audio system of this embodiment, a user may press the operation key provided in the face plate unit 15, and

may utter the words and phrases beforehand decided for every internal use of operation. as the words and phrases which may press the operation key changed to CD when a user wants to use CD and an FM tuner and which carried out and were decided beforehand -- for example, -- "-- carrying out - ****-" -- "-- what is necessary is to obtain, to increase and just to speak toward ***" etc. and the microphone 3

[0068]When a user presses the operation key, the data is transmitted to CPU module 11 from support ASIC121, CPU111 sends a new indicative data to support ASIC121, and the indicator of the face plate unit 15 changes to a screen display for operating a screen display and CD for operating radio using this indicative data, etc.

[0069]a user -- ", if it carries out and the words and phrases - ****-" are uttered, An analog signal is changed into digital data from the microphone 3 by CODEC circuit 122, From support ASIC121, through PCI bus host controller and CPU host ASIC115, it is sent to CPU111 by this digital data and CPU111, Based on this digital data, it recognizes which language the user said, and the same correspondence as the time of the operation key being pressed is carried out according to a recognition result.

[0070]For example, use the indicator of the face plate unit 15 as the touch panel, and as a graphical user interface of a computer, For example, the function which can be used at the time is displayed on an indicator by an icon, and if the icon of the function which a user wants to use is touched with a finger, the function can work. If they use, for example, a display and speech recognition in one voice by such an icon, The usage that a screen will return to the state in front of one if a screen will change, some following icons will be displayed if some icons are displayed at once and a user speaks with the "next", and a user speaks, saying "It returns" is also possible.

[0071][When 2-3. radio is listened to] it is the operation which was described above -- a user -- ", if obtain, and increase, it speaks with ***", FM broadcasting of radio is chosen and CPU111 recognizes it, Support ASIC121 changes the sauce of the data which changes the tuner 21 to the receive state of FM according to the command from CPU111, and is sent out to the amplifier 22 to the data of the sound from the tuner 21. in this case, the good next frequency of a receive state is looked for automatically, the tuner 21 being that carry out and a user utters the words and phrases "a seeking rise" which may receive the frequency tuned in last time, for example, and changing frequency little by little (automatic scanning) -- it may be made like.

[0072]Thus, since the receiving contents sent from the tuner 21 are analog signals when listening to radio, this analog signal is inputted into CODEC circuit 122, and after being changed into digital data, it is sent to support ASIC121. Support ASIC121 passes the digital data received from CODEC circuit 122 to DSP unit 123, and DSP unit 123, This digital data is processed according to the setting-out item of the balance and volume which are beforehand set up on the system, and it returns to support ASIC121.

[0073]And support ASIC121 returns again the digital data which has returned in this way to CODEC circuit 122, and after it changed this digital data into the analog signal again and CODEC circuit 122 returns it, it is sent to the amplifier 22 and it is made to flow through it from a loudspeaker shortly.

[0074][Playback of 2-4.CD] A user sets an audio CD to ask the CD-ROM unit 14 and the CD-ROM autochanger 7 and should just do directions of pointing to playback with "**** -", etc. a sound, etc., or flying to the following music to hear an audio CD. For example, when playing the audio CD in the CD-ROM unit 14, the CD-ROM unit 14 operates by the instructions from support ASIC121, and the audio information which is digital data is sent from the CD-ROM unit 14.

[0075]And parallel / PCI driver 125, Change this audio information into the data format of PCI bus B-2, send to support ASIC121 and support ASIC121, If the audio information which once passes this audio information to DSP unit 123, made process it, and was processed when audio information was received from PCI bus B-2 is again received from DSP unit 123, The processed audio information is passed to CODEC circuit 122 from a digital-input/output port, and it is made to output to the amplifier 22 in the form of an analog signal.

[0076]When the CD-ROM autochanger 7 reproduces an audio CD, a serial / PCI driver 126 changes into the data format of PCI bus B-2 the audio information of the serial form sent from the serial bus B3, but. Processing after it is performed like the case of the CD-ROM unit 14.

[0077]The CD-ROM unit 14 and the CD-ROM autochanger 7, If CODEC circuit 122 and DSP unit 123 are compared relatively, in order that the latter may process data little by little in the cycle of short time to the former sending the data of the quantity collected in the cycle of long time, a cycle has a gap among both. For this reason, support ASIC121 stores in the buffer memory 124 the digital data which the CD-ROM unit 14 or the CD-ROM autochanger 7 has sent collectively, A gap which was described above is filled up with passing DSP unit 123 and making it process, if it takes out from the oldest portion one after another, and reproduction is made to be performed smoothly.

[0078][Use of 2-5.CD-ROM and car navigation] A user for example, to use the function of a car-navigation system. For example, after setting to the CD-ROM unit 14 CD-ROM on which the data for car-navigation systems (application software, a map, etc.) was recorded, the function of a car-navigation system is started. The function of such a car-navigation system is realizable by recording on the flash ROM 113 of CPU module 11, for example as a program of a computer, and making CPU111 execute such a program.

[0079]When such a car-navigation system tries to read the data of the map recorded on CD-ROM, various information for every area, etc., For example, the digital data read from the CD-ROM unit 14 is passed to CPU111 through parallel / PCI driver 125, PCI bus host controller 114, and CPU host ASIC115. CPU111 created on DRAM112 the bitmapped image for

displaying on the indicator of the face plate unit 15 based on the data of the map etc. which were received in this way, and also it is sent out to the support module 12.

[0080]When using a car-navigation system in this way, the GPS antenna 4 shown in drawing 1 receives the electric wave from a GPS Satellite, GPS unit 16 of drawing 2 calculates latitude, longitude, etc. from this electric wave, and this data is sent to CPU111. Then, CPU111 can specify on a map where the car loading with this car audio system is running from the data of such latitude, longitude, etc. now. As a result, even if a user does not input, a its present location can be set up as a departure point, or the rough map that the present point takes the lead can be displayed, or the figure which directs next right-turn and left turn can be displayed.

[0081]The data for navigation may be memorized to CompactFlash card 13 (or DRAM112) or the flash ROM 113.

[0082]The method of operation by speech recognition which was already explained, Thus, also when using the function of a car-navigation system, it can use, For example, when using the car-navigation system which issues directions, such as right-turn and left turn, for every corner of a street and a user wants to see the directions before one, and directions of one beyond, one display after another can also be changed by uttering the "next" and the words and phrases of "returning."

[0083]In order to know where it will next turn, it becomes unnecessary to turn a look to an indicator, if a user can also be told about such guidance and it does in this way with outputting synthesized speech through the amplifier 22.

[0084][Use of a 2-6. telephone] The user can harness the advantage of a computer, and the advantage of a car audio system as follows, when talking over the telephone using the telephone unit 6. For example, the user registers into DRAM112 and CompactFlash card 13 of the system beforehand people's telephone number and name which he knows using the program of a computer.

[0085]If a telephone receives a message, it will not illustrate to drawing 2, but the digital data which tells that the telephone received a message from the telephone unit 6 through the serial bus B3, and the serial / PCI driver 126, and the digital data showing the telephone number of a sending agency are sent to support ASIC121. These data is further sent to CPU111 of CPU module 11, and CPU111 searches whether the telephone number of the dispatch origin which is hanging now into the telephone number registered beforehand is registered.

[0086]When there is a telephone number of the dispatch origin which is hanging now into the telephone number registered beforehand, CPU111 is returning the name corresponding to the telephone number to the support module 12, A user can be told about who is telephoning by displaying the name of those who are telephoning the face plate unit 15, or pouring the guidance by synthesized speech "it is from Mr. OO" from a mounted loudspeaker.

[0087]If the user who knew getting a telephone call in such a display, guidance, a calling

sound, etc. directs to utter the words and phrases decided beforehand and to connect a telephone, A user's voice inputted from the microphone 3 is changed into digital data by CODEC circuit 122 at the same time a partner's voice flows from a loudspeaker, It is sent to the telephone unit 6 through support ASIC121, the serial / PCI driver 126, and the serial bus B3, and the user can talk over the telephone in what is called the handsfree state, without using a hand.

[0088]The answering machine function etc. which were prepared for the telephone unit 6 or CPU module 11, for example answer a telephone in the place where only the number of times with a constant calling sound sounded.

[0089]If the icon of dispatch, etc. are touched with a finger in the place which displayed the telephone number and name which have been registered beforehand one after another on the display screen, for example and where the partner who wants to telephone was displayed also when it is going to send from the user side, The telephone number is transmitted to the telephone unit 6 as digital data from CPU module 11, and a telephone call is got automatically, and if a partner comes out, it can talk as it is.

[0090]Send to the telephone number corresponding to the name automatically because utter the name which the user registered and CPU module 11 recognizes this, or, a single figure speaks at a time, and a telephone number to hang is made to recognize, or a user is "person -- are and it does -- " -- the point which recognizes having spoken and telephones can be decided.

[0091][Use of a 2-7. security control unit] The security control unit 5 can also be used alone, and it can also be used for it, making it the telephone unit 6 described above interlocked with. For example, when leaving a car, (drawing 1) and a user operate the security control unit 5, and get down with the transmitter 5c. If the third party who is unrelated to the user of vehicles in any way is going to touch a doorknob, tamper with a keyhole, wrench a door and a suitcase open or is going to move a car without notice, The sensor 5a takes in the shock and vibration by it, and the security control unit 5 which received the signal from the sensor 5a sounds the siren 5b with Ryo Oto, for example. Thereby, the effect of an alarm is brought about to the environment outside a car.

[0092]Since the code decided beforehand will be sent to the security control unit 5 and the function of the security control unit 5 will be canceled if he operates the transmitter 5c which it has when the user itself has returned to the car, A key is not used, or even if it moves a car, a siren does not sound.

[0093]It is further effective if such a security control unit 5 uses making it the telephone unit 6 interlocked with. That is, when the sensor 5a has detected abnormalities, the security control unit 5 starts the car audio system which sends an interrupt signal and it not only sounds a siren, but contains CPU module 11 and the support module 12. In order to enable such

starting, the electronic circuit linked to the power supply and start switch of the car audio system is prepared, What is necessary is to make a power supply and a start switch one immediately, and just to start a car audio system, if this electronic circuit is made to always supervise whether the interrupt signal is coming and an interrupt signal comes it.

[0094]CPU111 started in this way makes it telephone by sending instructions to the telephone unit 6, when the data which tells an abnormal occurrence is received from the security control unit 5. The point which telephones at this time should just be taken as a cellular phone, a security company, etc. which what is necessary is just to set up beforehand as an information destination at the time of abnormalities, and the police and a user have. And abnormalities are told by the thing which hung and which will be told synthesized speech and against the announcement recorded beforehand if a telephone is connected previously. If it does in this way, those who received the notice can hasten at the spot.

[0095][Use of a 2-8. utility program] Like the usual hand-held PC, if functions, such as an address book, a calendar, schedule management, voice recording, a clock, a calculator, and a game, are used as a function of OS or an application program, it will become possible to perform information processing various also in a car. The environment of information processing which suited to itself can be improved by deleting the application program which realizes these functions, changing to a new thing, or adding.

[0096][Use of a 2-9. CompactFlash card] In the car audio system of this embodiment, information can be exchanged between other hand-held PCs, other car audio systems, etc. by using CompactFlash card 13.

[0097]For example, it becomes easy to add a new function, and it to be sufficient to make a new application program and OS read into the flash ROM 113 from CompactFlash card 13, and to update OS. Since it becomes easy for ordinary software makers to make an application program, the functional module of OS, etc. by using general-purpose OS especially, CompactFlash card 13 which recorded it also appears on the market, it becomes easy to get, and the user can use this car audio system now for convenience more also as a computer.

[0098]If individual data like the address book made with other personal computers and hand-held PCs is carried into this car audio system by CompactFlash card 13, the work till then can be continued on this car audio system. Contrary to this, the data made with this car audio system can be moved to other personal computers and hand-held PCs by CompactFlash card 13, and work can also be continued.

[0099]If the backup copy of the data which he made using a utility program which was described above is carried out to CompactFlash card 13, Since the bad condition and others of the car audio system used, even when data disappears, data can be made to be able to read into the main unit 1 from CompactFlash card 13 again, and information processing can be continued.

[0100]If the backup copy of various setting out of the car audio system suitable for itself is carried out to CompactFlash card 13, Even if someone of other families change setting out, inserting in the main unit 1 CompactFlash card 13 which he had, and making the contents read, when he uses a car can use a car audio system by user-friendly original setting out for itself.

[0101][Communication with a 2-10. hand-held PC] At this embodiment, data can be easily exchanged by using the infrared-ray-communication unit 127, without applying the time and effort of taking out and inserting CompactFlash card 13 or connecting by a cable etc., between the hand-held PCs 8. For this reason, update OS and an application program using the file etc. which were recorded in the hand-held PC 8, or. Move to the hand-held PC 8 directly the individual data made on the car audio system, or, Save backup of such individual data in the comparatively big storage area which the hand-held PC 8 has, or, Various usage of moving setting out of a car audio system, etc. to the car audio system of other cars through the hand-held PC 8 also becomes possible.

[0102][3. effect] As mentioned above, the computer which controls a car audio system by this embodiment is provided with general-purpose OS, and it this general-purpose OS, The user interface which carries out the maximum exertion of the capability of a computer by managing resources, such as CPU and a memory, and is not dependent on a program and which it is unific and is easy to use is provided, and an addition and change of a function are also made easy by adding the program of the form decided further beforehand, or changing. For this reason, control of a complicated car audio system becomes easy.

[0103]If it is the program which suited the standard of OS, it will become possible to use a program also with in the car [various], and it will also become possible to process information using apparatus, such as an indicator of a car audio system, an operation key, and a loudspeaker. Of course, a user can save his individual information even in this case using about the same big memory as a hand-held PC, or information can be edited like a personal computer.

[0104]In this embodiment, data is exchanged using the bus CPU of a computer and the apparatus of the car audio system made the mistake in corresponding to a mutual form, and between two buses, if needed, data changes form, wins popularity and is passed. For this reason, even if operation of CPU is quicker than operation of each apparatus, it is not necessary to double CPU with the motion cycle of each apparatus, and complicated processing can be performed at high speed by accessing a memory etc. efficiently. Since the data which CPU exchanges, and the data which apparatus exchanges do not scramble for the communicative competence of the same bus, both a computer and a car audio system can perform each operation smoothly.

[0105]Multitasking of performing another processing using the bus corresponding to the form

of CPU becomes easy simultaneously, reproducing the signal of a sound using the bus for connecting apparatus. Also when changing CPU into the thing of another form, the bus for connecting these apparatus with each apparatus remains as it is, and since what is necessary is to change only the bus corresponding to the form of CPU according to the form of new CPU, it can respond also to change of CPU easily.

[0106]In particular, in this embodiment, two or more apparatus can be connected in daisy chain form one after another, and it can die. For this reason, also when the number of apparatus increases or distributed installation of the apparatus is carried out here and there [in the car], long wiring is not concentrated in one place like a star method, and installation becomes easy. Since wiring becomes intelligible shapely, it also becomes easy to change the composition of a car audio system or to carry out maintenance and repair.

[0107]In addition, since any data is exchanged as digital data and processed through USB etc. in this embodiment regardless of the kind of data whether to be audio information or to be alphabetic data, It is hard to be influenced by the environmental variation or a noise, and an audio characteristic is also stabilized.

[0108][An embodiment] besides 4. This invention is not limited to the embodiment described above, and contains other embodiments which are illustrated next. For example, in the embodiment described above, although Windows CE was mentioned as an example of OS of a computer, since this is only mere illustration, using OS of other kinds which already uses a certain OS or will appear newly from now on is also included in the range of this invention.

[0109]Although the example which controls the car audio system for mount by the embodiment described above was shown, This invention can harness the advantage of this invention that it is also possible to use for controlling electric products, such as a non-portable stereo, new application software is used also in this case, or the whole is small and can be managed in a home.

[0110]Although the standard concrete about various buses and communication circuits was mentioned in the embodiment described above, such a standard is only illustration and can also be transposed to other standards which can do same usage. For example, the 1st bus and 2nd bus can also make a CPU module and a support module an internal bus by one-chip-izing.

[0111]

[Effect of the Invention]As mentioned above, according to this invention, taking advantage of a mutual advantage, a complicated car audio system and how to use a computer by controlling easily can be extended by combining a computer with general-purpose OS, and a car audio system.

[Translation done.]

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TECHNICAL FIELD

[Field of the Invention]This invention is combining a small computer with general-purpose OS, and a car audio system, and relates to the art of harnessing a mutual advantage.

[Translation done.]

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PRIOR ART

[Description of the Prior Art]In recent years, progress with remarkable art of a semiconductor is accomplished and the electronic equipment of various fields has become a miniaturization and highly efficient by using a semiconductor. Thus, one of the electronic equipment made a miniaturization and highly efficient by using a semiconductor has a personal computer (henceforth a "personal computer").

[0003]The small personal computers (it names generically the following "hand-held PC") called [especially] a handheld computer (carried type), a palm top, etc. these days are also increasing in number. Windows(registered trademark of Microsoft Corp.) CE etc. are known, for example as base software (it is called below Operating System: "OS") suitable for such a hand-held PC, i.e., an operating system.

[0004]Such a general-purpose OS realizes advanced throughput by managing finely throughput, a memory, etc. of CPU which the computer has, or, If it is a program of the form which provided the user interface independent of a program which it is unific and is easy to use, or was decided beforehand, it has the advantage that the current update of the function of a computer can be carried out by carrying out a current update freely.

[0005]As another electronic equipment which similarly has been made a miniaturization and highly efficient by using a semiconductor, the car audio system and car-navigation system which are carried in a car are mentioned. Among these, a car audio system is commonly called a car stereo etc., and combines the tuner of a CD player, AM, or FM, etc. with amplifier, a loudspeaker, etc. A car-navigation system is a shown system to which a screen display of the map is carried out to the specified destination, pinpointing the current position of a car using an azimuth magnet, an odometer, GPS, etc.

[0006]These days, since a car-navigation system, a handsfree cellular phone, an anti-theft alarm system, etc. are combined with a car audio system in many cases, the electronic equipment for these mount is hereafter named a "car audio system" generically.

[Translation done.]

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EFFECT OF THE INVENTION

[3. effect] As mentioned above, the computer which controls a car audio system by this embodiment is provided with general-purpose OS, and in this general-purpose OS, The user interface which carries out the maximum exertion of the capability of a computer by managing resources, such as CPU and a memory, and is not dependent on a program and which it is unified and is easy to use is provided, and an addition and change of a function are also made easy by adding the program of the form decided further beforehand, or changing. For this reason, control of a complicated car audio system becomes easy.

[0103]If it is the program which suited the standard of OS, it will become possible to use a program also with in the car [various], and it will also become possible to process information using apparatus, such as an indicator of a car audio system, an operation key, and a loudspeaker. Of course, a user can save his individual information even in this case using about the same big memory as a hand-held PC, or information can be edited like a personal computer.

[0104]In this embodiment, data is exchanged using the bus CPU of a computer and the apparatus of the car audio system made the mistake in corresponding to a mutual form, and between two buses, if needed, data changes form, wins popularity and is passed. For this reason, even if operation of CPU is quicker than operation of each apparatus, it is not necessary to double CPU with the motion cycle of each apparatus, and complicated processing can be performed at high speed by accessing a memory etc. efficiently. Since the data which CPU exchanges, and the data which apparatus exchanges do not scramble for the communicative competence of the same bus, both a computer and a car audio system can perform each operation smoothly.

[0105]Multitasking of performing another processing using the bus corresponding to the form of CPU becomes easy simultaneously, reproducing the signal of a sound using the bus for connecting apparatus. Also when changing CPU into the thing of another form, the bus for

connecting these apparatus with each apparatus remains as it is, and since what is necessary is to change only the bus corresponding to the form of CPU according to the form of new CPU, it can respond also to change of CPU easily.

[0106]In particular, in this embodiment, two or more apparatus can be connected in daisy chain form one after another, and it can die. For this reason, also when the number of apparatus increases or distributed installation of the apparatus is carried out here and there [in the car], long wiring is not concentrated in one place like a star method, and installation becomes easy. Since wiring becomes intelligible shapely, it also becomes easy to change the composition of a car audio system or to carry out maintenance and repair.

[0107]In addition, since any data is exchanged as digital data and processed through USB etc. in this embodiment regardless of the kind of data whether to be audio information or to be alphabetic data, It is hard to be influenced by the environmental variation or a noise, and an audio characteristic is also stabilized.

[0108][An embodiment] besides 4. This invention is not limited to the embodiment described above, and contains other embodiments which are illustrated next. For example, in the embodiment described above, although Windows CE was mentioned as an example of OS of a computer, since this is only mere illustration, using OS of other kinds which already uses a certain OS or will appear newly from now on is also included in the range of this invention.

[0109]Although the example which controls the car audio system for mount by the embodiment described above was shown, This invention can harness the advantage of this invention that it is also possible to use for controlling electric products, such as a non-portable stereo, new application software is used also in this case, or the whole is small and can be managed in a home.

[0110]Although the standard concrete about various buses and communication circuits was mentioned in the embodiment described above, such a standard is only illustration and can also be transposed to other standards which can do same usage. For example, the 1st bus and 2nd bus can also make a CPU module and a support module an internal bus by one-chip-izing.

[Translation done.]

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TECHNICAL PROBLEM

[Problem(s) to be Solved by the Invention]The hand-held PC provided with OS which was described above, and the car audio system were mutual completely separate in the former. That is, although the car audio system which prepared the computer in the large meaning for control existed, the computer in this case is called the embedded system which works only for the specific purpose.

[0008]CPU with necessary minimum capability is used for this embedded system, and it realizes necessary minimum processing to the hardware of receiving an operation switch or operating a disk reproduction mechanism, by the small program using an assembler etc. For this reason, usage of carrying out the change addition of the function by carrying out processing and preservation of data like a personal computer, or carrying out the change addition of the program cannot be done.

[0009]On the other hand, it did not have a function which a hand-held PC sounds music itself, or controls a car audio system. For this reason, although the user might carry the hand-held PC into in the car as a matter of fact, he did not use, having connected with the car audio system.

[0010]By the way, the latest car audio system, Not only in conventional apparatus called the tuner, cassette tape deck, and CD player of radio, Many apparatus is increasingly built into the condition of an MD player, CD, the autochanger of MD, a car-navigation system, the voice recognition equipment that recognizes a user's command, a handsfree cellular phone, and an anti-theft alarm system. And it is dramatically difficult to master the car audio system which becomes complicated in this way only with the switch in which it was provided by each device.

[0011]That is, when a car audio system becomes complicated in this way, many switches, such as an operation key and a dial, will be in various places in the car. For this reason, it is serious to memorize which is what operation key.

[0012]Namely, in order to master the car audio system which becomes complicated. To use for

control an information processor equivalent to the hand-held PC provided with the small computer with the pliability which can carry out the current update of the function about the advanced throughput which controls a complicated system, the user interface, and control which are easy to use, and especially general-purpose OS is desired.

[0013]Even if it thinks from the hand-held PC side, a car is used like the present age in many cases, and in the car is wanted to expand the width of practical use in society also with much traffic congestion. By combining with a car audio system especially, make an operation key and a memory serve a double purpose, or, The information which a user wants to know in the car is made to be read out by the synthesized speech using a computer, If usage of hearing the voice from the loudspeaker of a car audio system, or accessing an external computer network by the circuit of the cellular phone built into the car audio system can be done, the width of practical use can be expanded rather than former.

[0014]When combining high-speed CPU which uses general-purpose OS, and apparatus which is contained in a car audio system, to have a separate bus suitable for each from the difference in both working speed, etc. is desired. In the car audio system which combined a lot of apparatus, two or more apparatus is wanted to be easily connectable with simple refreshed wiring.

[0015]Proposed in order that this invention might solve the problem of conventional technology which was described above, it is combining a small computer with general-purpose OS, and a car audio system, and the purpose is to harness a mutual advantage. Another purpose of this invention is to use two or more buses, and is using both high-speed apparatus of CPU and others smoothly without futility. Another purpose of this invention is to connect various apparatus one after another with a daisy chain mode.

[Translation done.]

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MEANS

[Means for Solving the Problem] In order to attain the purpose described above, an invention of claim 1 equips a car audio system provided with a computer for control with the following. A means by which said computer is provided with an operating system and this operating system manages resources on a computer.

A means to control input and output containing a user interface.

A means to execute a program of form decided beforehand.

A computer for mount of claim 6 is provided with the following.

An operating system which realizes environment required in order to execute a program of form decided beforehand.

Car audio system.

A means to control said car audio system.

An invention of claim 11 is what caught an invention of claim 1 from a view of a method, In a control method of a car audio system which controls a car audio system using a computer provided with an operating system, A step which realizes environment which needs said operating system in order to execute a program of form decided beforehand, and a step by which said program controls said car audio system are included. A computer which controls a car audio system by invention of claims 1, 6, and 11 is provided with general-purpose OS, and in this general-purpose OS, A user interface which carries out the maximum exertion of the capability of a computer by managing resources, such as CPU and a memory, and is not dependent on a program and which it is unific and is easy to use is provided, and an addition and change of a function are made easy by adding a program of form decided further beforehand, or changing. For this reason, control of a complicated car audio system becomes easy. It becomes possible for in the car to use various programs, or to process information using apparatus of a car audio system.

[0017] An invention of claim 2 was provided with the 1st bus corresponding to form of CPU

contained in said computer, and the 2nd bus for connecting apparatus contained in said car audio system in a car audio system provided with a computer for control. An invention of claim 7 was provided with the 1st bus corresponding to form of CPU contained in said computer, and the 2nd bus for connecting apparatus contained in said car audio system in a computer for mount provided with a car audio system. An invention of claim 12 is what caught an invention of claim 2 from a view of a method, In a control method of a car audio system which controls a car audio system using a computer, A step with which CPU contained in said computer exchanges data through the 1st bus corresponding to form of this CPU, Apparatus contained in said car audio system contains a step which exchanges data through the 2nd bus for connecting apparatus. An invention of claim 3 was provided with a PCI bus for connecting apparatus contained in said car audio system with a local bus corresponding to form of CPU contained in said computer in a car audio system provided with a computer for control. An invention of claim 8 was provided with a PCI bus for connecting apparatus contained in said car audio system with a local bus corresponding to form of CPU contained in said computer in a computer for mount provided with a car audio system. An invention of claim 4 was provided with a means to change form of data between said each bus, in the car audio system according to claim 2 or 3. An invention of claim 9 was provided with a means to change form of data between said each bus, in the computer for mount according to claim 7 or 8. In an invention of claims 2, 3, 7, 8, and 12, data is exchanged using a bus CPU of a computer and apparatus of a car audio system made the mistake in corresponding to a mutual form, and between two buses, if needed, data changes form, wins popularity and is passed (claims 4 and 9). For this reason, even if operation of CPU is quicker than operation of each apparatus, it is not necessary to double CPU with a motion cycle of each apparatus, and complicated processing can be performed at high speed by accessing a memory etc. efficiently. Since data which CPU exchanges, and data which apparatus exchanges do not scramble for communicative competence of the same bus, it can operate smoothly in both a computer and a car audio system. Multitasking of performing another processing using a bus corresponding to form of CPU becomes easy simultaneously, reproducing a signal of a sound using a bus for connecting apparatus. Also when changing CPU into a thing of another form, a bus for connecting these apparatus with each apparatus remains as it is, and since what is necessary is to change only a bus corresponding to form of CPU according to form of new CPU, it can respond also to change of CPU easily.

[0018]An invention of claim 5 was provided with the 3rd bus for connecting two or more apparatus contained in said car audio system in a car audio system of any one statement of four from claim 1 in daisy chain form. An invention of claim 10 was provided with the 3rd bus for connecting two or more apparatus contained in said car audio system in a computer for mount of any one statement of nine from claim 6 in daisy chain form. In an invention of claims

5 and 10, two or more apparatus can be connected in daisy chain form one after another, and it can die. For this reason, also when the number of apparatus increases or distributed installation of the apparatus is carried out here and there [in the car], long wiring is not concentrated in one place like a star method, and installation becomes easy. Since wiring becomes intelligible shapely, it also becomes easy to change composition or to carry out maintenance and repair.

[0019]

[Embodiment of the Invention]Next, an embodiment of the invention (henceforth a "embodiment") is concretely described with reference to drawings. Although this embodiment is the car audio system provided with various apparatus, such as a CD player, it is provided with the computer provided with general-purpose OS which is used for a hand-held PC, and also performs control of a car audio system by this computer. The same numerals are attached about the member same about each figure used by the following explanation as the figure explained before it, or the same kind of member, and explanation is omitted.

[0020][1. composition]

[Composition of whole 1-1.] First, drawing 1 is a block diagram showing the entire configuration of this embodiment. As shown in this figure, this embodiment as each apparatus which constitutes a car audio system other than the main unit 1, It has the tuner amplifier unit 2, the microphone 3, the GPS antenna 4, the security control unit 5, the telephone unit 6, the CD-ROM autochanger 7, and the auxiliary battery 9 for power supply backup.

[0021]Among these, the main unit 1 is a portion which builds in the computer for control and controls the whole system by this computer. Although the tuner amplifier unit 2 does not carry out the graphic display other than the antenna 2a of AM and FM, it is the portion provided with a radio tuner and the amplifier for sounding a loudspeaker. The microphone 3 is for inputting a user's voice so that operation by speech recognition can be performed. The function of this speech recognition is realized by the program of the computer described above.

[0022][1-1-1. main unit] The main unit 1 is provided with the socket 13S for inserting CompactFlash card 13, and the face plate unit 15 removed [attach and] and made (drawing 1). CompactFlash card 13 is a storage using a flash memory, and data can be written from the main unit 1 by inserting in the socket 13S formed in the main unit 1. This CompactFlash card 13 is used in order to exchange data, a program, etc. with other computers or to back up various information sets in this car audio system.

[0023]The face plate unit 15 attached, removed and made, It has the indicator which displays various information on a user, and the final controlling element which provided the operation key for a user to do various operations etc., and is referred to also as DCP (Detachable Control Panel). The indicator of this face plate unit 15 is large-sized color LCD (liquid crystal display) of 64 dots by 256 dots, etc., for example.

focusing on the concrete composition of main unit 1 inside. This whole figure is divided into four with the dashed line, in the left, CPU module 11 and a center become the support module 12, the upper right becomes the external unit 30, and the lower right has become the option unit 40. Among these, CPU module 11 and the support module 12 are formed in the inside of the main unit 1.

[0032]The external unit 30 and the option unit 40 have pointed out collectively the apparatus of every some connected to the main unit 1. On account of explanation, CompactFlash card 13 is shown in the direction under CPU module 11, and drawing 2 shows the face plate unit 15 to the direction on the external unit 30.

[0033]Among these, CPU module 11 and the support module 12 constitute the computer for control which controls the whole car audio system. Among these, CPU module 11 is a portion which carries out logical data processing centering on CPU111, and the support module 12 is a portion which performs input and output with other apparatus contained in a car audio system.

[0034]The local bus B1 (the 1st bus) formed considering CPU111 as a center is a way with CPU module 11 as [main] data. PCI (Peripheral Component Interconnect) for that it is a way by the support module 12 as [main] data to connect each apparatus on the other hand It is bus B-2 (the 2nd bus).

[0035][Composition of a 1-2-1. CPU module] The local bus B1 of CPU module 11, It is what was doubled with the form of CPU111, and DRAM112, the flash ROM 113, the PCI bus host controller 114, CPU host ASIC115, and PCMCIA-ASIC116 are connected to this local bus B1. Among these, DRAM112 is a portion which provides work areas, such as a variable area, when CPU111 processes information in control of a car audio system, etc.

[0036]The flash ROM 113 is rewritable ROM and is a portion which stores the software in large meanings, such as OS, BIOS, and an application program, here. The function of OS stored here manages the resources on a computer, It is controlling the input and output containing a user interface, executing the program of the form decided beforehand, etc., for example, what used as the base Windows CE which conventional technology described by the way can be considered.

[0037]The PCI bus host controller 114 is a means to change the form of the data which connects the local bus B1 and PCI bus B-2, and is exchanged between these two buses.

[0038]"ASIC", such as CPU host ASIC115, is the abbreviation for Application Specific Integrated Circuit, and points out IC and LSI which were made for specific uses to general-purpose integrated circuits, such as ROM, RAM, and CPU. Specifically, this CPU host ASIC115 is ASIC for the interface of the local bus B1 and the PCI bus host controller 114. This CPU host ASIC115 [that is,], Between PCI bus B-2 and CPU module 11, are a portion which becomes a window of the data exchanged and specifically, Input and output with CPU module

11 and the exterior are performed instead of CPU111, and also it is recognized whether it is a thing of the kind passed to CPU111 about the data sent from PCI bus B-2.

[0039]And although what should pass CPU host ASIC115 to CPU111 is sent to CPU111 through the local bus B1, CPU111 does not need to calculate to the other thing, for example, the sent data, and such a reaction is returned about that for which it is sufficient if the reaction for which it opted beforehand is returned mechanically.

[0040]PCMCIA-ASIC116 CompactFlash card 13, It is a portion for an interface corresponding to being based on the standard of PCMCIA (Personal Computer Memory Card International Association) as what is called a PC card, It is a portion which controls the reading and writing of data to CompactFlash card 13.

[0041][Composition in connection with a 1-2-2. support module] Next, PCI bus B-2 of the support module 12 is a bus for exchanging data among various apparatus which constitutes a car audio system. Here, as apparatus connected to this PCI bus B-2, there are the external unit 30 and the option unit 40, and these have pointed out some apparatus collectively, respectively.

[0042]That is, the external unit 30 is unit with the another main unit 1 shown in drawing 1, and in this example specifically, It is the tuner 21, the amplifier 22, and the microphone 3 which were formed in the face plate unit 15 attached, removed and made from the main unit 1, and the tuner amplifier unit 2. Among these, the face plate unit 15 is provided with the infrared-ray-communication unit 127.

[0043]The option unit 40 is a unit from which it can choose whether to include in this car audio system as an option, and, specifically, are GPS unit 16 and the CD-ROM autochanger 7 in this example. There is the CD-ROM unit 14 in the inside of the main unit 1, and this CD-ROM unit 14 is also connected to PCI bus B-2. This CD-ROM unit 14 is a player for reading digital data from one CD or CD-ROM. These CD-ROM autochanger 7 and the CD-ROM unit 14 have the compatibility that data can also be read from what is called an audio CD, and both can also read data from CD-ROM (it is compatible).

[0044]In the support module 12, in order for PCI bus B-2 to exchange data among these apparatus, Support ASIC121, CODEC circuit 122, DSP unit 123, the buffer memory 124, the parallel / PCI driver 125, and the serial / PCI driver 126 are used.

[0045]Among these, support ASIC121 is a portion which controls traffic in the data where to send the data which came from where between the support module 12 and each apparatus. "CODEC" of CODEC circuit 122 is an abbreviation of "Coder/Decoder", i.e., the coding decryption art of data, and this CODEC circuit 122, For example, it is a portion which performs the A/D conversion etc. which carry out D/A conversion which changes the given digital data into an analog signal, or change an analog signal into digital data conversely.

[0046]"DSP" of DSP unit 123 is an abbreviation to mean a digital sound processor, i.e., the

circuit which processes the signal of the sound of digital format specially, and this DSP unit 123, When the digital data showing music etc. can be given, as items, such as balance of the right and left set as the system, volume, Feder, surround, and an equalizer, are reflected in the contents of the sound, it is a portion which processes digital data.

[0047]By audio equipment and PCI bus B-2s, such as a CD-ROM unit, since the buffer memory 124 differs in the cycle which write data, it is a buffer for this difference to be filled up with storing data and taking it out little by little, and comprises SRAM etc.

[0048]Parallel / PCI driver 125 is portions which change into the data format of PCI bus B-2 the digital data of parallel form sent from the CD-ROM unit 14. A serial / PCI driver 126 is portions which change into the data format of PCI bus B-2 the digital data of serial form sent from the CD-ROM autochanger 7.

[0049]The face plate unit 15 containing the infrared-ray-communication unit 127, It is connected to support ASIC121 in a high-speed serial communication circuit, and GPS unit 16 is connected to support ASIC121 in start-stop serial communication circuits, such as UART (UniversalAsynchronous Receiver-Transitter). The CD-ROM unit 14 is connected to parallel / PCI driver 125 by parallel communication circuits, such as ATAPI (AT Attachment Packet Interface). Although a graphic display is not carried out, ASIC which manages an exchange of the data based on infrared rays is provided in the infrared-ray-communication unit 127.

[Translation done.]

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OPERATION

[2. operation] This embodiment constituted as stated above works as follows.

[Translation done.]

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] The block diagram showing the entire configuration of the embodiment of this invention.

[Drawing 2] The block diagram shown focusing on the internal configuration of a main unit about the embodiment of this invention.

[Description of Notations]

- 1 -- Main unit 1
- 11 -- CPU module
- 111 -- CPU
- 112 -- DRAM
- 113 -- Flash ROM
- 114 -- PCI bus host controller
- 115 -- CPU host ASIC
- 116 -- PCMCIA-ASIC
- 12 -- Support module
- 121 -- Support ASIC
- 122 -- CODEC circuit
- 123 -- DSP unit
- 124 -- Buffer memory
- 125 -- Parallel / PCI driver
- 126 -- A serial / PCI driver
- 127 -- Infrared-ray-communication unit
- 13 -- CompactFlash card
- 13S -- Socket
- 14 -- CD-ROM unit

15 -- Face plate unit
15a -- Case
16 -- GPS unit
2 -- Tuner amplifier unit
2a -- Antenna
21 -- Tuner
22 -- Amplifier
3 -- Microphone
4 -- GPS antenna
4a -- Receiver
5 -- Security control unit
5a -- Sensor
5b -- Siren
5c -- Transmitter
6 -- Telephone unit
6a -- Antenna
6b -- Hand set
7 -- CD-ROM autochanger
8 -- Hand-held PC
9 -- Auxiliary battery
30 -- External unit
40 -- Option unit

[Translation done.]

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 9809/1/4	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/US03/39493	International filing date (<i>day/month/year</i>) 11 December 2003 (11.12.2003)	(Earliest) Priority Date (<i>day/month/year</i>) 11 December 2002 (11.12.2002)
Applicant BLITZSAFE OF AMERICA, INC.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the Report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. Certain claims were found unsearchable (See Box I).

3. Unity of invention is lacking (See Box II).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No. 1

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.

None of the figures

Form PCT/ISA/210 (first sheet) (July 1998)

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US03/39493

Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

The technical features mentioned in the abstract do not include a reference sign between parentheses (PCT Rule 8.1(d)).

NEW ABSTRACT

An audio device integration system is provided. One or more after market audio devices, such as a CD player(15), CD changer, MP3 player(30), satellite receiver(25), DAB receiver(25), or the like, is integrated for use with an existing OEM or after-market car stereo system, wherein control commands can be issued at the car stereo (10) and responsive data from the audio device (15,25,30) can be displayed on the stereo. Control commands generated at the car stereo (10) are received, processed, converted into a format recognizable by the audio device (15,25,30), and dispatched to the audio device (15,25,30) for execution. Information from the audio device (15,25,30), including track, disc, song, station, time and other information is received, processed, converted into a format recognizable by the car stereo, and dispatched to the car stereo (10) for display thereon.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/39493

<p>A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G06F 17/00; H04B 1/00, 3/00; US CL : 700/94; 381/86, 77 According to International Patent Classification (IPC) or to both national classification and IPC</p>																							
<p>B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 700/94; 381/86, 77; 455/346,347; D14/434 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Databases available through EAST (USPAT, US-PGPUB, EPO, JPO, DERWENT)</p>																							
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X — Y</td> <td>US 6,396,164 B1 (BARNEA ET AL) 28 May 2002 (28.05.2002), see entire document.</td> <td>1,2,5,11-21,24-25,27-30,35-36,39-41 ----- 3,4,6-10,22-23,26,31-34,37-38,42-80</td> </tr> <tr> <td>Y, P</td> <td>US 2003/0007649 A1 (RIGGS) 09 January 2003 (09.01.2003), paragraphs 0037-0040 and 0092-0099.</td> <td>4,26,38,48-50,57,64,67,73-76,79</td> </tr> <tr> <td>Y</td> <td>US 6,157,725 A (BECKER) 05 December 2000 (05.12.2000), col. 4, lines 41-58; col. 6, lines 6-46; col 8, line 20-col. 10, line 58.</td> <td>3,4,6,9-10,26,34-38,44,47-54,61-62,64,66-67,72,75-79</td> </tr> <tr> <td>Y</td> <td>US 5,339,362 A (HARRIS) 16 August 1994 (16.08.1994), col. 3, line 25-col. 4, line 61 and Figures 2,3.</td> <td>42-46,55-80</td> </tr> <tr> <td>Y</td> <td>US 2001/0044664 A1 (MUELLER et al) 22 November 2001 (22.11.2001), paragraphs 0020-0028,0034-0035.</td> <td>4,7-12,26,31-38,51-54,61-67,75-76</td> </tr> <tr> <td>Y</td> <td>US 6,330,337 B1 (NICHOLSON) 11 December 2001 (11.12.2001), Figure 2 and col. 3, line 32-col. 4,1 line 28.</td> <td>22-23,68,80</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X — Y	US 6,396,164 B1 (BARNEA ET AL) 28 May 2002 (28.05.2002), see entire document.	1,2,5,11-21,24-25,27-30,35-36,39-41 ----- 3,4,6-10,22-23,26,31-34,37-38,42-80	Y, P	US 2003/0007649 A1 (RIGGS) 09 January 2003 (09.01.2003), paragraphs 0037-0040 and 0092-0099.	4,26,38,48-50,57,64,67,73-76,79	Y	US 6,157,725 A (BECKER) 05 December 2000 (05.12.2000), col. 4, lines 41-58; col. 6, lines 6-46; col 8, line 20-col. 10, line 58.	3,4,6,9-10,26,34-38,44,47-54,61-62,64,66-67,72,75-79	Y	US 5,339,362 A (HARRIS) 16 August 1994 (16.08.1994), col. 3, line 25-col. 4, line 61 and Figures 2,3.	42-46,55-80	Y	US 2001/0044664 A1 (MUELLER et al) 22 November 2001 (22.11.2001), paragraphs 0020-0028,0034-0035.	4,7-12,26,31-38,51-54,61-67,75-76	Y	US 6,330,337 B1 (NICHOLSON) 11 December 2001 (11.12.2001), Figure 2 and col. 3, line 32-col. 4,1 line 28.	22-23,68,80
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.		<input type="checkbox"/> See patent family annex.																					
<p>* Special categories of cited documents:</p> <table border="0"> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"E" earlier application or patent published on or after the international filing date</td> <td>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	"P" document published prior to the international filing date but later than the priority date claimed												
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"P" document published prior to the international filing date but later than the priority date claimed																							
Date of the actual completion of the international search 07 April 2004 (07.04.2004)		Date of mailing of the international search report 12 MAY 2004																					
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Authorized officer Bill Isen <i>Rugenio Zogan</i> Telephone No. 703-305-3960																					

Form PCT/ISA/210 (second sheet) (July 1998)

INTERNATIONAL SEARCH REPORT

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,772,079 A (DOUGLAS et al) 20 September 1988 (20.09.1988), col. 3, lines 25-64.	42-46,55-80

Form PCT/ISA/210 (second sheet) (July 1998)

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 99879-00011	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US06/08043	International filing date (<i>day/month/year</i>) 03 March 2006	(Earliest) Priority Date (<i>day/month/year</i>) 03 March 2005
Applicant IRA MARLOWE		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of:

- the international application in the language in which it was filed
- a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (see Box No. II)

3. **Unity of invention is lacking** (see Box No. III)

4. With regard to the **title**,

- the text is approved as submitted by the applicant
- the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- the text is approved as submitted by the applicant
- the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 10

- as suggested by the applicant
- as selected by this Authority, because the applicant failed to suggest a figure
- as selected by this Authority, because this figure better characterizes the invention

b. none of the figures is to be published with the abstract

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

An multimedia device integration system is provided. One or more aftermarket audio or video devices, such as a CD player, CD changer, digital media device (e.g., MP3 player, MP4 player, WMV player, Apple iPod, portable music 5 center, or other device) satellite receiver (e.g., XM or Sirius receiver), DAB receiver, video device (e.g., DVD player), cellular telephone, or any other device or combinations thereof, is integrated for use with an existing OEM or after-market car stereo or video system, wherein control commands can be issued at the car stereo or video system and data from the after-market device can be displayed on 10 the car stereo or video system. Control commands generated at the car stereo or video system are received, processed, converted into a format recognizable by the after-market device, and dispatched to the after-market device for execution.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/08043

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H04B 1/06 (2007.01)

USPC - 455/345

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) - H04B 1/06 (2007.01)

USPC - 455/345

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

MicroPatent

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0215102 A1 (MARLOWE) 20 November 2003 (20.11.2003) entire document	1-4, 36
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Y		5-13
Y	US 2004/0145457 A1 (SCHOFIELD et al) 29 July 2004 (29.07.2004) entire document	5, 8, 11-13
Y	US 2004/0266336 A1 (PATSIOKAS et al) 30 December 2004 (30.12.2004) entire document	6, 7, 9, 10
A	US 6,529,804 B1 (DRAGGON et al) 04 March 2003 (04.03.2003) entire document	1-13, 36

Further documents are listed in the continuation of Box C.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

25 July 2007

Date of mailing of the international search report

24 SEP 2007

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US, Commissioner for Patents
P.O. Box 1450, Alexandria, Virginia 22313-1450
Facsimile No. 571-273-3201

Authorized officer:

Blaine R. Copenheaver

PCT Helpdesk: 571-272-4300
PCT OSP: 571-272-7774

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid.

Group I, claims 1-13 and 36, drawn to controlling after-market-devices in a multimedia device integration system.

Group II, claims 14-31, drawn to protocol conversion in a multimedia device integration system.

Group III, claims 32-35, drawn to a method for retrieving a song from an after-market device from a car stereo system.

The inventions listed as Groups I, II, and III do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: the special technical feature of the Group I invention is means for processing and dispatching commands for controlling the after-market device from the car multimedia system and displaying data from the aftermarket device and the display of the car multimedia system as claimed therein is not present in the invention of Groups II and III; the special technical feature of the Group II invention is selecting by an interface using settings of the plurality of configuration jumpers an at least one of a plurality protocol conversion software blocks stored in memory in the interface for converting signals from an after-market device into a format compatible with a car multimedia device system (and from the car multimedia system into a format compatible with the after-market device) as claimed therein is not present in the invention of Groups I and III; and the special technical feature of the Group III invention is allowing a user to select a desired song from the list of potentially matching songs for playing the desired song on the car stereo system as claimed therein is not present in the invention of Groups I and II.

Since none of the special technical features of the Group I, II and III inventions is found in more than one of the inventions, unity of invention is lacking.

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To:

MICHAEL R. FRISCIA
MCCARTER & ENGLISH, LLP
FOUR GATEWAY CENTER
100 MULBERRY STREET
NEWARK, NEW JERSEY 07102

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing
(day/month/year)

24 SEP 2007

Applicant's or agent's file reference
99879-00011

FOR FURTHER ACTION

See paragraph 2 below

International application No.

PCT/US06/08043

International filing date (day/month/year)

03 March 2006

Priority date (day/month/year)

03 March 2005

International Patent Classification (IPC) or both national classification and IPC

IPC(8) - H04B 1/06 (2007.01)

USPC - 455/345

Applicant
IRA MARLOWE

1. This opinion contains indications relating to the following items:

- Box No. I Basis of the opinion
- Box No. II Priority
- Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- Box No. IV Lack of unity of invention
- Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- Box No. VI Certain documents cited
- Box No. VII Certain defects in the international application
- Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450, Alexandria, Virginia 22313-1450
Facsimile No. 571-273-3201

Date of completion of this opinion

25 July 2007

Authorized officer:

Blaine Copenheaver

PCT Helpdesk: 571-272-4300
PCT OSP: 571-272-7774

Form PCT/ISA/237 (cover sheet) (April 2005)

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US06/08043

Box No. I Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of:
 - the international application in the language in which it was filed
 - a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material
 - a sequence listing
 - table(s) related to the sequence listing

 - b. format of material
 - on paper
 - in electronic form

 - c. time of filing/furnishing
 - contained in the international application as filed
 - filed together with the international application in electronic form
 - furnished subsequently to this Authority for the purposes of search

3. In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

Box No. IV Lack of unity of invention

1. In response to the invitation (Form PCT/ISA/206) to pay additional fees the applicant has, within the applicable time limit:
- paid additional fees
 - paid additional fees under protest and, where applicable, the protest fee
 - paid additional fees under protest but the applicable protest fee was not paid
 - not paid additional fees

2. This Authority found that the requirement of unity of invention is not complied with and chose not to invite the applicant to pay additional fees.

3. This Authority considers that the requirement of unity of invention in accordance with Rule 13.1, 13.2 and 13.3 is

- complied with
- not complied with for the following reasons:

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid.

Group I, claims 1-13 and 36, drawn to controlling after-market-devices in a multimedia device integration system.

Group II, claims 14-31, drawn to protocol conversion in a multimedia device integration system.

Group III, claims 32-35, drawn to a method for retrieving a song from an after-market device from a car stereo system.

The inventions listed as Groups I, II, and III do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: the special technical feature of the Group I invention is means for processing and dispatching commands for controlling the after-market device from the car multimedia system and displaying data from the aftermarket device and the display of the car multimedia system as claimed therein is not present in the invention of Groups II and III; the special technical feature of the Group II invention is selecting by an interface using settings of the plurality of configuration jumpers an at least one of a plurality protocol conversion software blocks stored in memory in the interface for converting signals from an after-market device into a format compatible with a car multimedia device system (and from the car multimedia system into a format compatible with the after-market device) as claimed therein is not present in the invention of Groups I and III; and the special technical feature of the Group III invention is allowing a user to select a desired song from the list of potentially matching songs for playing the desired song on the car stereo system as claimed therein is not present in the invention of Groups I and II.

Since none of the special technical features of the Group I, II and III inventions is found in more than one of the inventions, unity of invention is lacking.

4. Consequently, this opinion has been established in respect of the following parts of the international application:

- all parts
- the parts relating to claims Nos. 1-13, 36

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/US06/08043

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	5-13	YES
	Claims	1-4, 36	NO
Inventive step (IS)	Claims	NONE	YES
	Claims	1-13, 36	NO
Industrial applicability (IA)	Claims	1-13, 36	YES
	Claims	NONE	NO

2. Citations and explanations:

Claims 1-4 and 36 lack novelty under PCT Article 33(2) as being anticipated by Marlowe (US 2003/0215102 A1).

Regarding claim 1, Marlowe discloses a multimedia device integration system comprising: a car stereo (par. 0039, existing car radio or stereo) system; an after-market device (par. 0038, after-market CD player) external to the car stereo system; an interface (Fig. 1, interface 20) positioned within the car stereo system and connected between the car stereo system and the after-market device for exchanging data and audio signals between the car stereo system and the after-market device; means for processing and dispatching commands (par. 0055, dispatches the formatted command to the CD player) for controlling the after-market device from the car stereo system in a format compatible with the after-market device; and means for processing and displaying data (par. 0055, display the formatted data on the display of the car stereo) from the after-market device (par. 0038, after-market CD player) on a display of the car stereo system in a format compatible with the car stereo system.

Regarding claim 2, Marlowe (as discussed in lack of novelty of claim 1 above) discloses the after-market device comprises a CD player (par. 0038, after-market CD player).

Regarding claim 3, Marlowe (as discussed in lack of novelty of claim 2 above) discloses the digital media player comprises an MP3 player (par. 0038, after-market MP3 player).

Regarding claim 4, Marlowe (as discussed in lack of novelty of claim 1 above) further discloses one or more auxiliary input sources (Fig. 1, auxiliary inputs 35) connected to the interface.

Regarding claim 36, Marlowe discloses a multimedia device integration system comprising: a car audiovisual system (par. 0039, existing car radio or stereo); a plurality of after-market devices (Fig. 1, par. 0038, MP3 player, satellite receiver, DAB receiver, or the like) external to the car audiovisual system; an interface (Fig. 1, interface 20) connected between the car audiovisual system and the plurality of after-market devices for exchanging data, audio, and video signals between the car audiovisual system and the plurality of after-market devices; means for processing and dispatching commands (par. 0038 and par. 0055, dispatches the formatted command to the CD player or other after-market devices) for controlling the plurality of after-market devices from the car audiovisual system in at least one format compatible with at least one of the plurality of after-market devices; and means for processing and displaying data (par. 0038 and par. 0055, display the formatted command to the CD player or other after-market devices on the car stereo) from the plurality of after-market devices on a display of the car audiovisual system in a format compatible with the car audiovisual system.

Claims 5, 8 and 11-13 lack an inventive step under PCT Article 33(3) as being obvious over Marlowe (US 2003/0215102 A1) in view of Schofield et al (US 2004/0145457 A1; hereinafter Schofield).

Regarding claim 5, Marlowe discloses a multimedia device integration system comprising: a car stereo system (par. 0039, existing car radio or stereo); a CD player (par. 0038, after-market CD player) external to the car stereo system; an interface (Fig. 1, interface 20) connected between the car stereo system and the CD player for exchanging data and audio signals between the car stereo system and the cellular telephone; means for processing and dispatching commands (par. 0055, dispatches the formatted command to the CD player) for controlling the CD player from the car stereo system in a format compatible with CD player; and means for processing and displaying data (par. 0055, display the formatted data on the display of the car stereo) from the CD player (par. 0038, after-market CD player) on a display of the car stereo system in a format compatible with the car stereo system. Marlowe lacks a cellular telephone as an after-market device. However, Schofield discloses, in the art of multimedia system, a cellular telephone as an after-market device (Par. 272, cellular phone). Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to include a cellular telephone as an after-market device in the device of Marlowe as taught by Schofield in order to enhance the utility of the multimedia device.

(Continued in Supplemental Box)

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US06/08043

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of:

Box No. V

2. Citations and explanations:

Regarding claim 8, Marlowe discloses a multimedia device integration system comprising: a car stereo system (par. 0039, existing car radio or stereo); a CD player (par. 0038, after-market CD player) external to the car stereo system; an interface (Fig. 1, interface 20) connected between the car stereo system and the CD player for exchanging data and audio signals between the car stereo system and the cellular telephone; means for processing and dispatching commands (par. 0055, dispatches the formatted command to the CD player) for controlling the CD player from the car stereo system in a format compatible with CD player; and means for processing and displaying data (par. 0055, display the formatted data on the display of the car stereo) from the CD player (par. 0038, after-market CD player) on a display of the car stereo system in a format compatible with the car stereo system. Marlowe lacks a car video system and a cellular telephone as an after-market device. However, Schofield discloses, in the art of multimedia system, a car video system (par. 0398, car video display system) and a cellular telephone as an after-market device ((Par. 272, cellular phone) in order to enhance utility of multimedia device. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to include a car video system and a cellular telephone as an after-market device in the device of Marlowe as taught by Schofield in order to enhance the utility of the multimedia device.

Regarding claim 11, Marlowe discloses a multimedia device integration system comprising: a car stereo system (par. 0039, existing car radio or stereo); a CD player (par. 0038, after-market CD player) external to the car stereo system; an interface (Fig. 1, interface 20) connected between the car stereo system and the CD player for exchanging data and audio signals between the car stereo system and the cellular telephone; means for processing and dispatching commands (par. 0055, dispatches the formatted command to the CD player) for controlling the CD player from the car stereo system in a format compatible with CD player; and means for processing and displaying data (par. 0055, display the formatted data on the display of the car stereo) from the CD player (par. 0038, after-market CD player) on a display of the car stereo system in a format compatible with the car stereo system. Marlowe lacks a car video system and video device as an after-market device. However, Schofield discloses, in the art of multimedia system, a car video system (par. 0380, vehicular video display system) and video device as an after-market device (Par. 380, camera device). Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to include a car video system and video device as an after-market device in the device of Marlowe as taught by Schofield in order to enhance the utility of the multimedia device.

Regarding claim 12, Marlowe (as discussed in lack of inventive step of claim 11 above) disclose the CD player (par. 0038, after-market CD player) on a display of the car stereo system in a format compatible with the car stereo system. Marlowe lacks the after-market video device comprises a DVD player. However, Schofield discloses, in the art of multimedia system, the after-market video device comprises a DVD player (par. 309, after-market of display element associated with DVD player (par. 0311, DVD video system)). Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to include the after-market video device comprises a DVD player in the device of Marlowe as taught by Schofield in order to enhance the utility of the multimedia device.

Regarding claim 13, Marlowe (as discussed in lack of inventive step of claim 11 above) disclose the CD player (par. 0038, after-market CD player) on a display of the car stereo system in a format compatible with the car stereo system. Marlowe lacks the interface is positioned within the car video system. However, Schofield discloses, in the art of multimedia system, the interface is positioned within the car video system (par. 0302, interface associated with control 3580 of car video system). Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to include the interface is positioned within the car video system in the device of Marlowe as taught by Schofield in order to enhance utility of multimedia device.

Claims 6, 7, 9 and 10 lack an inventive step under PCT Article 33(3) as being obvious over Marlowe (US 2003/0215102 A1) in view of Patsiokas et al (US 2004/0266336 A1; hereinafter Patsiokas).

Regarding claims 6 and 9, Marlowe in view of Schofield (as discussed in lack of inventive step of claims 5 and 8 above) further discloses songs or music downloadable through the CD player (par. 0042, play song from CD player). Marlowe lacks songs or music downloadable through the cellular telephone. However, Patsiokas discloses, in the art of multimedia system, songs or music downloadable through the cellular telephone (par. 0064, download song file over the cellular phone). Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to include songs or music downloadable through the cellular telephone in the device of Marlowe in view of Schofield as taught by Patsiokas in order to enhance utility of multimedia device.

Regarding claims 7 and 10, Marlowe (as discussed in lack of inventive step of claims 6 and 9 above) discloses the songs or music are playable through the car stereo system (par. 0039, existing car radio or stereo) using the interface (Fig. 1, interface 20).

Claims 1-13 and 36 meet the criteria set out in PCT Article 33(4), and thus have industrial applicability because the subject matter claimed can be made or used in industry.

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference 99879-00011	FOR FURTHER ACTION		See item 4 below
International application No. PCT/US2006/008043	International filing date (<i>day/month/year</i>) 03 March 2006 (03.03.2006)	Priority date (<i>day/month/year</i>) 03 March 2005 (03.03.2005)	
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237			
Applicant MARLOWE, Ira			

1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).

2. This REPORT consists of a total of 6 sheets, including this cover sheet.

In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.

3. This report contains indications relating to the following items:

<input checked="" type="checkbox"/>	Box No. I	Basis of the report
<input type="checkbox"/>	Box No. II	Priority
<input type="checkbox"/>	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
<input checked="" type="checkbox"/>	Box No. IV	Lack of unity of invention
<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
<input type="checkbox"/>	Box No. VI	Certain documents cited
<input type="checkbox"/>	Box No. VII	Certain defects in the international application
<input type="checkbox"/>	Box No. VIII	Certain observations on the international application

4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. +41 22 338 82 70	Date of issuance of this report 16 October 2007 (16.10.2007)
	Authorized officer <p style="text-align: center;">Nora Lindner</p> e-mail: pt02.pct@wipo.int

AUSTRALIAN PATENT OFFICE

WRITTEN OPINION

Date of mailing <i>day/month/year</i>	28 AUG 2007
REPLY DUE within FIVE MONTHS of the date of the Registrar's letter enclosing the written opinion	

Applicant's or agent's file reference
LPN/LWC/NJ/M.2006001623

Application No. SG 200601303-1	Application Filing Date (<i>day/month/year</i>) 28 February 2006	Priority Date (<i>day/month/year</i>) 3 March 2005
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International Patent Classification (IPC) (as indicated in the search report)

Int. Cl.
H04B 1/00 (2006.01) G06F 17/00 (2006.01) H04B 3/00 (2006.01)

Applicant
IRA M. MARLOWE

1. This First written opinion consists of a total of 6 sheets.
2. This opinion contains indications relating to the following items:
 - I Basis of the opinion
 - II Priority
 - III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
 - IV Lack of unity of invention
 - V Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
 - VI Certain documents cited
 - VII Certain defects in the application
 - VIII Certain observations on the application
3. The search report used was issued by the **Australian Patent Office**, and the date of completion is: **28 August 2006**
4. If no reply is filed, the examination report will be established on the basis of this opinion.
5. The date by which the examination report will be established is: **3 June 2008**

Name and mailing address
**AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaaustralia.gov.au
Facsimile no. 61 2 62853929**

Authorized Officer

JUZER KHANBHAI

Petitioners

I. Basis of the opinion

1. This opinion has been drawn on the basis of:

- the application as originally filed.
- the description, pages , as originally filed,
pages , filed with the request,
pages , received on with the letter of
- the claims, pages , as originally filed,
pages , filed with the request,
pages , received on with the letter of
- the drawings, sheets/fig. , as originally filed,
sheets/fig. , filed with the request,
sheets/fig. , received on with the letter of
- the sequence listing part of the description:
pages , as originally filed
pages , filed with the demand
pages , received on with the letter of

2. The amendments have resulted in the cancellation of: pages:
sheets of drawings/figures No :

3. This opinion has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box.

4. Additional observations, if necessary:

IV. Lack of unity of invention**1. This Office found multiple invention in this application, as follows:**

The application does not comply with the requirements of unity of invention because it does not relate to one invention or to a group of inventions so linked as to form a single general inventive concept. In coming to this conclusion this Office has found that there are two inventions:

1. Claims 1-31 & 36 are directed to a multimedia device integration system including an interface which allows devices to be integrated to an OEM or after-market car stereo and video systems. It is considered that allowing the integration of devices to an OEM or after-market car stereo and video systems comprises a first "special technical feature".
2. Claims 32-35 are directed to a method for retrieving a song from an after-market device from a car stereo system and which allows the user to select a desired song from the list of potentially matching songs for playing the desired song on the car stereo system. It is considered that allowing the selection of a desired song from the list of potentially matching songs for playing the desired song on the car stereo system comprises a second "special technical feature".

Since the abovementioned groups of claims do not share either of the technical features identified, a "technical relationship" between the inventions, as defined in PCT Rule 13.2 does not exist. Accordingly, the application does not relate to one invention or to a single inventive concept.

2. Consequently, the following parts of the application were the subject of examination in establishing this report:

- all parts.
- the parts relating to claims Nos. **1-31 & 36**

V. Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims 5-7	YES
	Claims 1-4, 8-31, 36	NO
Inventive step (IS)	Claims -	YES
	Claims 1-31, 36	NO
Industrial applicability (IA)	Claims 1-31, 36	YES
	Claims -	NO

2. Citations and explanations

NOVELTY (N) claims 1-4, 8-31, 36

D1 - WO 2004/053722 A1 (BLITZSAFE OF AMERICA, INC.) 24 June 2004

D1 discloses an Audio device integration system wherein one or more after-market devices, such as a CD player, CD changer, MP3 player, satellite receiver, DAB receiver, or the like is integrated for use with an existing OEM or after-market car stereo system. In this system, control commands can be issued at the car stereo and responsive data from the audio device can be displayed on the stereo.

The above citation D1 discloses all of the features of all the above claims. For example, the features of claim 1, see:

- A multimedia device integration system fig. 1 and Page 10 line 11
 - a car stereo system Page 10 lines 1 to 2 and lines 13 & 14
 - an after-market device external to car stereo system Page 10 line 25
 - an interface positioned within the car stereo system Page 10 line 30 to Page 11 line 1
- and connected between the car stereo system and the after-market device for exchanging data and audio signals between the car stereo system and the after-market device

INVENTIVE STEP (IS) claims 1-31, 36

Claims 1-4, 8-31, 36: as above.

Claims 5-7:

D1- WO 2004/053722 A1 (BLITZSAFE OF AMERICA, INC.) 24 June 2004

D2- US 2002/0197954 A1 (SCHMITT et al.) 26 December 2002

D3- US 6058319 A (SADLER) 2 May 2000

D4- US 6052603 A (KINZALOW et al.) 18 April 2000

These citations do not individually disclose all of the features of the claims, but when combined, as would be obvious to a person skilled in the art, disclose all of the features of the claims.

Supplemental Box

(To be used when the space in any of Boxes I to VIII is not sufficient)

Continuation of Box [No.]: V (2)

Claims 1-13, 24, 27, 28, 31, 36:

D5- US 2003/0007649 A1 (RIGGS) 9 January 2003

D6- US 6396164 B1 (BARNEA et al.) 28 May 2002

D7- US 6330337 B1 (NICHOLSON et al.) 11 December 2001

D8- US 2001/0044664 A1 (MUELLER et al.) 22 November 2001

D9- US 6157725 A (BECKER) 5 December 2000

These citations do not individually disclose all of the features of the claims, but when combined, as would be obvious to a person skilled in the art, disclose all of the features of the claims.

VIII. Certain observations on the application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

The claimed invention is patentable according to Section 13(2); or

The claimed invention is unpatentable according to Section 13(2) because:

This application is a Divisional application filed under Section 26(6) of the Patents Act and discloses no additional matter extending beyond that disclosed in the Parent application.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 99879-00028	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US07/72182	International filing date (<i>day/month/year</i>) 27 June 2007 (27.06.2007)	(Earliest) Priority Date (<i>day/month/year</i>) 27 June 2006 (27.06.2006)
Applicant MARLOWE, IRA		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the Report**

a. With regard to the **language**, the international search was carried out on the basis of:

the international application in the language in which it was filed.

a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 Rule 43.6 *bis(a)*

c. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (See Box No. II)

3. **Unity of invention is lacking** (See Box No. III)

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 1

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figures is to be published with the abstract.

Form PCT/ISA/210 (first sheet) (April 2007)

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US07/72182

A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **H04B 1/00**(2006.01);**G05B 19/02**(2006.01);**G06F 17/00**(2006.01)

 USPC: 381/86;340/825.24;700/94
 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
 Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 381/86; 340/825.24,825.25; 700/94; 307/9.1,10.1; 455/345,346; 710/303,304; 348/207.1,207.11

 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

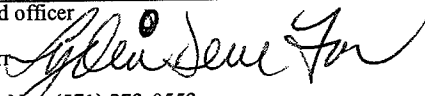
C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,163,079 (Miyazaki et al) 19 Dec. 2000 (19.12.2000), figure 7	91
Y	US 2002/0084910 A1 (Owens et al) 4 July 2002 (04.07.2002), fig.1	1-70,111-154
Y	US 6,993,615 B2 (Falcon) 31 Jan 2006 (31.01.2006), fig.2-4	1-90, 117-154
Y	US 6,175,789 B1 (Beckert et al) 16 Jan 2001 (16.01.2001), fig.1-2	1-70,78-80,88-90,117-150
Y	US 6,389,560 B1 (Chew) 14 May 2002 (14.05.2002), col.4-5	1-90,92-110,117-154
Y	US 2003/0026440 A1 (Lazzeroni et al) 6 Feb 2003 (06.02.2003), fig.1	13,32,52,68,92-116
Y	US 2005/0172001 A1 (Zaner et al) 4 Aug 2005 (04.08.2005), fig.1	92-103

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 12 September 2008 (12.09.2008)	Date of mailing of the international search report 25 SEP 2008
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	Authorized officer Jason Kurr  Telephone No. (571) 272-0552

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US07/72182

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/0156200 A1 (Romano et al) 21 Aug 2003 (21.08.2003), fig.7	104-110
Y	US 7,288,918 B2 (DiStefano) 30 Oct 2007 (30.10.2007), fig.1	151-154

Form PCT/ISA/210 (continuation of second sheet) (April 2007)

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To:
MICHAEL R. FRISCHIA
MCCARTER & ENGLISH, LLP
FOUR GATEWAY CENTER
100 MULBERRY STREET
NEWARK, NJ 07102

Date of mailing
(day/month/year) **25 SEP 2008**

Applicant's or agent's file reference
99879-00028

FOR FURTHER ACTION
See paragraph 2 below

International application No.
PCT/US07/72182

International filing date (day/month/year)
27 June 2007 (27.06.2007)

Priority date (day/month/year)
27 June 2006 (27.06.2006)

International Patent Classification (IPC) or both national classification and IPC
IPC: **H04B 1/00(2006.01);G05B 19/02(2006.01);G06F 17/00(2006.01)**
USPC: 381/86;340/825.24;700/94

Applicant
MARLOWE, IRA

1. This opinion contains indications relating to the following items:

- Box No. I Basis of the opinion
- Box No. II Priority
- Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- Box No. IV Lack of unity of invention
- Box No. V Reasoned statement under Rule 43bis. I(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- Box No. VI Certain documents cited
- Box No. VII Certain defects in the international application
- Box No. VIII Certain observations on the international application

2. FURTHER ACTION

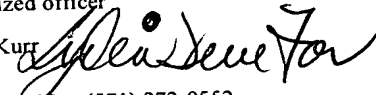
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.
For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/ US
Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (571) 273-3201

Date of completion of this opinion
12 September 2008 (12.09.2008)

Authorized officer
Jason Kurr 
Telephone No. (571) 272-0552

Form PCT/ISA/237 (cover sheet) (April 2007)

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/US07/72182

Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of:
- the international application in the language in which it was filed
- a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2. This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43bis.1(a))
3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been established on the basis of:
- a. type of material
- a sequence listing
- table(s) related to the sequence listing
- b. format of material
- on paper
- in electronic form
- c. time of filing/furnishing
- contained in the international application as filed.
- filed together with the international application in electronic form.
- furnished subsequently to this Authority for the purposes of search.
4. In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5. Additional comments:

Form PCT/ISA/237(Box No. I) (April 2007)

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/US07/72182

Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the questions whether the claims are fully supported by the description, are made:

Claim 10 is objected to under PCT Rule 66.2(a)(v) as lacking clarity under PCT Article 6 because claim 10 is indefinite for the following reason(s): Claim 10 may not depend upon itself. For the purposes of examination the Examiner has view claim 10 as if it were dependent upon claim 1.

Form PCT/ISA/237 (Box No. VIII) (April 2007)

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US07/72182

Supplemental Box
In case the space in any of the preceding boxes is not sufficient.

V. 2. Citations and Explanations:

Claim 91 lacks novelty under PCT Article 33(2) as being anticipated by Miyazaki et al (US 6,163,079).

With respect to claim 91, Miyazaki discloses a docking station for docking and integrating a portable device for use with a car stereo, comprising: a base portion (fig.7 #50); a bottom member (fig.1 #11) connected to the base portion; a top member (fig.7 #17) removably connected to the base portion, the base portion, bottom member, and top member defining a cavity (fig.7 #51) for receiving a portable device; and an integration device (fig.7 #38) connected to the base portion for integrating the portable device with a car stereo.

Claims 1-12, 14-31, 33-51, 53-67, 69-70 and 117-150 lack an inventive step under PCT Article 33(3) as being obvious over Owens et al (US 2002/0084910 A1) in view of Beckert (US 6,175,789 B1) and in view of Chew (US 6,389,560) and in view of Falcon (US 6,993,615 B2).

With respect to claims 1, 20, 117, 132, 147 Owens discloses a multimedia device integration system comprising: a car audio system (fig.1 #10) having a display; a portable device (fig.1 #42,44,46,48) external to the car audio system; an interface (fig.1 #30,40) in communication with the portable device and the car audio system for transmitting processed video information from the portable device to the car audio system.

Owens does not disclose expressly wherein an integration subsystem processes the video information into a format compatible with the car audio system. Beckert discloses a vehicle computer interface system in cooperation with a vehicles audio system that allows for the operation of incompatible devices (col.1 ln.63-67, col.2 ln.1-30). At the time of the invention it would have been obvious to a person of ordinary skill in the art to use the compatibility processing of Beckert in the interface of Owens. The motivation for doing so would have been allow for a consumer to use external devices from different companies with the car stereo.

Owens does not disclose expressly wherein an integration subsystem generates a device presence signal for maintaining the car audio system in a state responsive to the portable device. Chew discloses an integration subsystem (fig.1 #17,18) for connecting a plurality of external devices to a computing system wherein the subsystem transmits a presence signal ("port number") to the computing system as an indication of a connected external device (col.4 ln.58-67, col.5 ln.1-14). At the time of the invention it would have been obvious to a person of ordinary skill in the art to include the integration subsystem of Chew in the interface of Owens. The motivation for doing so would have been to notify the car audio system of a newly attached or detached external device.

Owens does not disclose expressly wherein the interface communicates wirelessly. Falcon discloses an interfacing system (fig.2 #142,146) for communication a portable device (fig.4 #102) with a car audio system (fig.4 #200) wherein the communication is of a

Form PCT/ISA/237 (Supplemental Box) (April 2007)

International application No.
PCT/US07/72182WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**Supplemental Box**

In case the space in any of the preceding boxes is not sufficient.

wireless nature (col.3 ln.65-67, col.4 ln.1-15). At the time of the invention it would have been obvious to a person of ordinary skill in the art to allow the portable device of Owens to communicate with the car audio system wirelessly. The motivation for doing so would have been to allow a user to move the portable device about the cabin of the vehicle. Falcon also discloses that the portable device may be charged when docked to the audio system (col.3 ln.56-64).

With respect to claims 39, 55 Owens discloses a multimedia device integration system comprising: a car audio/video system (fig.1 #10); a portable device (fig.1 #42,44,46,48) external to the car audio system; an integration system (fig.1 #30,40) in communication with the portable device and the car audio system for transmitting processed information from the portable device to the car audio system. Owens does not disclose expressly wherein an integration subsystem processes the information into a format compatible with the car audio system. Beckert discloses a vehicle computer interface system in cooperation with a vehicles audio system that allows for the operation of incompatible devices (col.1 ln.63-67, col.2 ln.1-30). At the time of the invention it would have been obvious to a person of ordinary skill in the art to use the compatibility processing of Beckert in the interface of Owens. The motivation for doing so would have been allow for a consumer to use external devices from different companies with the car stereo.

Owens does not disclose expressly wherein an integration subsystem generates a device presence signal for maintaining the car audio system in a state responsive to the portable device. Chew discloses a integration subsystem (fig.1 #17,18) for connecting a plurality of external devices to a computing system wherein the subsystem transmits a presence signal ("port number") to the computing system as an indication of a connected external device (col.4 ln.58-67, col.5 ln.1-14). At the time of the invention it would have been obvious to a person of ordinary skill in the art to include the integration subsystem of Chew in the interface of Owens. The motivation for doing so would have been to notify the car audio system of a newly attached or detached external device.

Owens does not disclose expressly wherein the system comprises a docking slot formed in the car stereo for receiving the portable device. Falcon discloses an interfacing system (fig.2 #142,146) for communication a portable device (fig.4 #102) with a car audio system (fig.4 #200) wherein system comprises a docking slot formed in the car stereo for receiving the portable device (col.3 ln.65-67, col.4 ln.1-15). At the time of the invention it would have been obvious to a person of ordinary skill in the art to use the docking slot of Falcon in the car audio system of Owens. The motivation for doing so would have been to provide a stable mount for the portable device.

With respect to claims 2-3, 21-22, 40-42, 56-58, 118-120, 133-135, 149-150. Owens discloses wherein the integration system processes data into a format compatible with the car audio system (Beckert: col.1 ln.63-67, col.2 ln.1-30) and dispatches commands to the external devices (Owens: pg.2 [0034]) for execution thereby.

With respect to claims 4-6, 23-25, 43-45, 59-61, Owens discloses wherein the integration system is responsive to voice commands (Beckert: col.4 ln.17-32).

With respect to claims 7-8, 26-27, 46-47, 62-63, Owens discloses wherein the car audio system comprises an OEM and after-market car audio system (Owens: fig.1 #10).

With respect to claims 9-10, 28-29, 48-49, 64-65, Owens discloses wherein the portable device comprises a portable receiver (Owens: fig.1 #46).

With respect to claims 11-12, 30-31, 50-51, 66-67, Owens discloses wherein the portable device comprises a portable digital media player (Falcon: fig.3 #102).

With respect to claims 14-16, 33-35, Owens discloses wherein the system comprises a non-wireless connection (Owens: fig.1) and wherein the interface is within the portable device and the car audio system (Falcon: fig.2 #142,146).

With respect to claims 17-19, 36-38, Owens discloses wherein the video information is stored, a picture and comprises a TV signal (Owens: fig.1 #42,44).

With respect to claims 53, 54, 69-70, Owens discloses wherein the interface is within the portable device and the car audio system (Falcon: fig.2 #142,146).

With respect to claim 121-122, 136-137, Owens discloses where the system further comprises a communications port allowing communication between the interface and the portable audio device (Owens: fig.8 #40), and wherein the communication port is USB (Beckert: fig.2 #70).

With respect to claims 123-124, 138-139, see the rejection of claim 117 above (Falcon: fig.2).

With respect to claim 125-128, 140-143, Owens discloses wherein the transmitted signals are recorded by the portable device and the car audio system (Falcon: col.6 ln.54-60).

With respect to claims 129-131, 144-146, Owens discloses wherein the interface comprises a microchip (Owens: fig.9 :Master Processor).

With respect to claim 148, Owens discloses wherein the charging circuit comprises first and second inductive charging circuits associated with the interface and the portable device (Falcon: col.3 ln.56-64).

Claims 13, 32, 52 and 68 lack an inventive step under PCT Article 33(3) as being obvious over Owens et al (US 2002/0084910 A1) in view of Beckert (US 6,175,789 B1) and in view of Chew (US 6,389,560) and in view of Falcon (US 6,993,615 B2) in view of Lazzeroni (US 2003/0026440 A1).

With respect to claims 13, 32, 52, 68, Owens discloses the system of claim 1 however does not disclose expressly wherein the portable device is a cell phone. Lazzeroni discloses an integration system comprising a cell phone (fig.1 #110). At the time of the invention it would have been obvious to a person of ordinary skill in the art integrate a cell phone into the audio system of Owens. The motivation for doing so would have been to allow a user receive phone calls through the car audio system.

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Claims 71-77 and 81-87 lack an inventive step under PCT Article 33(3) as being obvious over Falcon (US 6,993,615 B2) in view of Chew (US 6,389,560).

With respect to claims 71, 81 Falcon discloses a method for wirelessly integrating a portable device (fig.4 #102) for use with a car audio/video system (fig.4 #200) comprising: establishing a wireless communications link between the car audio system and the portable device (col.3 ln.65-67, col.4 ln.1-15); processing video information into a format compatible with the car audio/video system (col.4 ln.25-42) and transmitting the processed video information generated by the portable device to the car audio/video system (col.9 ln.13-24 "map"), displaying the processed video information and playing the audio signals over the car stereo system. Owens does not disclose expressly wherein an integration subsystem generates a device presence signal for maintaining the car audio system in a state responsive to the portable device. Chew discloses a integration subsystem (fig.1 #17,18) for connecting a plurality of external devices to a computing system wherein the subsystem transmits a presence signal ("port number") to the computing system as an indication of a connected external device (col.4 ln.58-67, col.5 ln.1-14). At the time of the invention it would have been obvious to a person of ordinary skill in the art to include the integration subsystem of Chew in the interface of Owens. The motivation for doing so would have been to notify the car audio system of a newly attached or detached external device. With respect to claims 72-77, 82-87, Falcon discloses wherein the integration system processes data into a format compatible with the car audio system and dispatches commands to the external devices for execution thereby (Falcon: col.3 ln.65-67, col.4 ln.1-42).

Claims 78-80 and 88-90 lack an inventive step under PCT Article 33(3) as being obvious over Falcon (US 6,993,615 B2) in view of Chew (US 6,389,560) in view of Beckert (US 6,175,789 B1).

With respect to claims 78-80, 88-90, Falcon does not disclose expressly receiving spoken control commands. Beckert discloses a method of integrating a portable device with a car audio system wherein spoken commands are received to control the portable device and car audio system (Beckert: col.4 ln.17-32). At the time of the invention it would have been obvious to a person of ordinary skill in the art to use the voice input system of Beckert in the integration system of Falcon. The motivation for doing so would be to supply a user with a hands free control of the system.

Claims 92-103 lack an inventive step under PCT Article 33(3) as being obvious over Zaner et al (US 2005/0172001 A1) in view of Lazzeroni et al (US 2003/0026440 A1) in view of Chew (US 6,389,560).

With respect to claim 92, Zaner discloses a multimedia device integration system comprising: a audiovisual system (fig.1 #106,108) having a display associated therewith; a cellular telephone (fig.1 #102,104) external to the car audiovisual system, the cellular telephone including a receiver for receiving a broadcast radio transmission transmitted to the cell phone; and an interface in communication with the car audiovisual system that processes the broadcast radio transmission into a format compatible with the audiovisual system, and transmits the processed radio transmission to the audio visual system for playing (pg.2 [0022]). Zaner does not disclose expressly wherein the audio visual system is a car audiovisual system. Lazzeroni discloses an integration system for integrating a cell phone with a car audio visual system (pg.3 [0043]). At the time of the invention it would have been obvious to a person of ordinary skill in the art to allow the cell phone of Zaner to communicate with a car audio system as taught by Lazzeroni. The motivation for doing so would have been to communicate information received by a cell phone to the audio system of a vehicle. Zaner does not disclose expressly wherein an integration subsystem generates a device presence signal for maintaining the car audio system in a state responsive to the portable device. Chew discloses a integration subsystem (fig.1 #17,18) for connecting a plurality of external devices to a computing system wherein the subsystem transmits a presence signal ("port number") to the computing system as an indication of a connected external device (col.4 ln.58-67, col.5 ln.1-14). At the time of the invention it would have been obvious to a person of ordinary skill in the art to include the integration subsystem of Chew in the interface of Zaner. The motivation for doing so would have been to notify the car audio system of a newly attached or detached external device. With respect claims 93-98, Zaner discloses wherein the broadcast radio transmission comprises a satellite radio transmission, live radio transmission, streamed audio, video transmission, live video transmission, streamed video transmission (Zaner: pg.2 [0031]). With respect to claims 99-100, Zaner discloses wherein the received information is processed into a format compatible with the audiovisual system (pg.2 [0032]). With respect to claims 101-103, Zaner discloses wherein the cell phone receives navigational information (pg.5 [0069]).

Claims 104-110 lack an inventive step under PCT Article 33(3) as being obvious over Romano et al (US 2003/0156200 A1) in view of Lazzeroni et al (US 2003/0026440 A1) in view of Chew (US 6,389,560).

With respect to claim 104, Romano discloses a multimedia device integration system comprising: a visual system (fig.7), a digital camera (fig.7 #332) external to the visual system, and a an interface (fig.7 #342) for processing and transmitting signals in a format compatible with the visual system for display upon the visual system. Romano does not disclose expressly wherein the the visual system is a car audiovisual system. Lazzeroni discloses an integration system for integrating an external device with a car audio visual system (pg.3 [0043]). At the time of the invention it would have been obvious to a person of ordinary skill in the art to allow the digital camera of Romano to communicate with a car audio system as taught

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by Lazzeroni. The motivation for doing so would have been to communicate information stored on the camera to the audio system of a vehicle.

Romano does not disclose expressly wherein an integration subsystem generates a device presence signal for maintaining the car audio system in a state responsive to the portable device. Chew discloses a integration subsystem (fig.1 #17,18) for connecting a plurality of external devices to a computing system wherein the subsystem transmits a presence signal ("port number") to the computing system as an indication of a connected external device (col.4 ln.58-67, col.5 ln.1-14). At the time of the invention it would have been obvious to a person of ordinary skill in the art to include the integration subsystem of Chew in the interface of Romano. The motivation for doing so would have been to notify the car audio system of a newly attached or detached external device.

With respect to claims 105-106, Romano discloses wherein the transmitted data is controlled by the visual system, wherein the data is processed into a format compatible with the visual system (Romano: pg.2 [0024]).

With respect to claims 107-110, Romano discloses wherein the data is a video image (pg.3 [0030]).

Claims 111-116 lack an inventive step under PCT Article 33(3) as being obvious over Lazzeroni et al (US 2003/0026440 A1) in view of Owens et al (US 2002/0084910 A1).

With respect to claim 111, Lazzeroni discloses a multimedia device integration system comprising: a car audio visual system (fig.1 #100); a portable navigation device (fig.1 #112) external to the car audio visual system and an interface (fig.1 #120) in electrical communication with the car audiovisual system and the portable device, wherein interface processes data from the navigational unit and transmits them to the car audiovisual system.

Lazzeroni does not disclose expressly wherein the interface transmits video signals to the audio visual system for display. Owens discloses an integration device that transmits video data through car audiovisual system (pg.3 [0037]). At the time of the invention it would have been obvious to a person of ordinary skill in the art to display available auxiliary selections such as "GPS" on the head unit of a car audio system. The motivation for doing so would have been to allow a user a visual display of available auxiliary units.

With respect to claim 112, Lazzeroni discloses wherein the data is processed into a format compatible with the car audio visual system (Lazzeroni: pg.5 [0058]).

With respect to claim 113-116, Lazzeroni discloses wherein the data comprises a map and audio signal for reproduction (Lazzeroni: fig.1 #112).

Claims 151-154 lack an inventive step under PCT Article 33(3) as being obvious over Owens et al (US 2002/0084910 A1) in view of Chew (US 6,389,560) and in view of Falcon (US 6,993,615 B2) in view of DiStefano (US 7,288,918 B2).

With respect to claims 151 Owens discloses a multimedia device integration system comprising: a car audio system (fig.1 #10) having a display; a portable device (fig.1 #42,44,46,48) external to the car audio system; an interface (fig.1 #30,40) in communication with the portable device and the car audio system for transmitting processed video information from the portable device to the car audio system. Owens does not disclose expressly wherein an integration subsystem generates a device presence signal for maintaining the car audio system in a state responsive to the portable device. Chew discloses a integration subsystem (fig.1 #17,18) for connecting a plurality of external devices to a computing system wherein the subsystem transmits a presence signal ("port number") to the computing system as an indication of a connected external device (col.4 ln.58-67, col.5 ln.1-14). At the time of the invention it would have been obvious to a person of ordinary skill in the art to include the integration subsystem of Chew in the interface of Owens. The motivation for doing so would have been to notify the car audio system of a newly attached or detached external device.

Owens does not disclose expressly wherein the interface communicates wirelessly. Falcon discloses an interfacing system (fig.2 #142,146) for communication a portable device (fig.4 #102) with a car audio system (fig.4 #200) wherein the communication is of a wireless nature (col.3 ln.65-67, col.4 ln.1-15). At the time of the invention it would have been obvious to a person of ordinary skill in the art to allow the portable device of Owens to communicate with the car audio system wirelessly. The motivation for doing so would have been to allow a user to move the portable device about the cabin of the vehicle. Falcon also discloses that the portable device may be charged when docked to the audio system (col.3 ln.56-64).

Falcon does not disclose expressly wherein the charging circuit charges the portable device wirelessly. DiStefano discloses a wireless battery charging circuit (fig.1). At the time of the invention it would have been obvious to a person of ordinary skill in the art to use the wireless battery charging circuit of DiStefano in the invention of Falcon in combination with Owens. The motivation for doing so would have been to charge the portable device when not docked to the car audio system.

With respect to claim 152, Owens discloses wherein the charging circuit comprises first and second inductive charging circuits associated with the interface and the portable device (Falcon: col.3 ln.56-64).

With respect to claims 153-154, Owens discloses wherein the integration system processes data into a format compatible with the car audio system (Beckert: col.1 ln.63-67, col.2 ln.1-30) and dispatches commands to the external devices (Owens: pg.2 [0034]) for execution thereby.

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International Application Number:	
Confirmation Number:	9001
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First Named Inventor/Applicant Name:	Ira Marlowe
Customer Number:	27614
Filer:	Mark E. Nikolsky/Diane Bodzioch
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RAM confirmation Number	2784
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Information:					
57	NPL Documents	Ref75.pdf	1395102	no	20
			17b6b8c48996b3876effea909ef9ab1b0e51 5b5e		
Warnings:					
Information:					
58	Fee Worksheet (PTO-06)	fee-info.pdf	29905	no	2
			b817470685a6bc980a2438c32ff0b7dc9e10 4544		
Warnings:					
Information:					
Total Files Size (in bytes):			53785051		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Electronic Patent Application Fee Transmittal

Application Number:	11475847
Filing Date:	27-Jun-2006
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Filer:	Mark E. Nikolsky
Attorney Docket Number:	99879-00026

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 5 months with \$0 paid	2255	1	1175	Petitioners ¹¹⁷⁵

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				1175



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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
11/475,847 06/27/2006 Ira Marlowe 99879-00026 9001

27614 7590 05/28/2009
MCCARTER & ENGLISH, LLP NEWARK
FOUR GATEWAY CENTER
100 MULBERRY STREET
NEWARK, NJ 07102

EXAMINER

KURR, JASON RICHARD

Table with 2 columns: ART UNIT, PAPER NUMBER

2614

Table with 2 columns: MAIL DATE, DELIVERY MODE

05/28/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 11/475,847	Applicant(s) MARLOWE, IRA	
	Examiner JASON R. KURR	Art Unit 2614	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 09 March 2009.
- 2a) This action is **FINAL**.
- 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-91 is/are pending in the application.
 - 4a) Of the above claim(s) 39-70 and 91 is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-38 and 71-90 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 - Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 - Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. _____.
 - 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>2/20/07 3/9/09</u> . | 6) <input type="checkbox"/> Other: _____. |

DETAILED ACTION

Election/Restrictions

Claims 39-70 and 91 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected group and species, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on March 9, 2009.

Claim Objections

Claim 10 objected to because of the following informalities:

Claim 10 depends upon claim 10. A dependent claim may not be dependent upon itself. For the purposes of examination, claim 10 will be viewed as if it were dependent upon claim 9. Appropriate correction is required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-38 and 71-90 are rejected under 35 U.S.C. 103(a) as being unpatentable over Coon et al (US 6,539,358 B1) in view of Dukach et al (US 2002/0009978 A1).

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With respect to claim 1, Coon discloses a multimedia device integration system (fig.3) comprising: a car audio system (fig.3 #66); a portable device (fig.3 #72) external to the car audio system; a first wireless interface (fig.3 #70) in communication with the car audio system; a second wireless interface (fig.3 #68) in communication with the portable device, the first and second wireless interfaces establishing a wireless communications link between the car audio system and the portable device (col.4 ln.27-34); and an integration subsystem (fig.3 #12) for generating a device presence signal for maintaining the car audio system in a state responsive to the portable device, wherein the integration subsystem transmits the device presence signal to the car audio system, channels audio from the portable device to the car audio system using the wireless communications link, processes audio information generated by the portable device into a format compatible with the car audio system, and transmits the processed video information to the car audio system using the wireless communications link for displaying the processed video information on the display of the car audio system (col.4 ln.10-26). It is implied that the wireless cellular system of Coon remains in a responsive state to incoming signals from cellular network #74, wherein these signals are forwarded through the interface to the audio system #66.

Coon does not disclose expressly wherein the car audio system has a display and wherein the integration system processes video information.

Dukach discloses a car audio system (fig.1 #104) comprising a display (fig.1 #142,144) wherein an integration system (fig.1 #140) processes video information received through a wireless communications link (fig.1 #152)(pg.8,9 [0145]). At the time

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of the invention it would have been obvious to a person of ordinary skill in the art to use the video processing integration system of Dukach to process and display received video signals on a display of the radio of Coon. The motivation for doing so would have been to display video messages sent through cellular phones on a larger screen of a vehicle, thus not distracting a driver of vehicle by limiting the use of cellular phones while driving.

With respect to claim 2, Coon discloses the system of claim 1, wherein the integration subsystem processes data generated by the portable device into a format compatible with the car audio system and displays the processed data on the display of the car audio system (Dukach: pg.4 [0049]).

With respect to claim 3, Coon discloses the system of claim 1, wherein the integration subsystem receives control commands issued at the car audio system and transmitted over the wireless communications link, processes the commands into a format compatible with the portable device, and dispatches the processed commands to the portable device for execution thereby (Dukach: pg.9 [0154]).

With respect to claim 4, Coon discloses the system of claim 1, wherein the integration subsystem further comprises a voice recognition subsystem for processing spoken control commands issued by a user (col.2 ln.54-65).

With respect to claim 5, Coon discloses the system of claim 4, wherein the integration subsystem retrieves an audio file or a video file from the portable device in response to a spoken command (col.2 ln.60-65).

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With respect to claim 6, Coon discloses the system of claim 4, wherein the integration subsystem further comprises a speech synthesizer (fig.2 #42) for generating synthesized speech corresponding to data generated by the portable device (col.2 ln.54-65).

With respect to claim 7, Coon discloses the system of claim 1, wherein the car audio system comprises an OEM car audio system (fig.3 #66).

With respect to claim 8, Coon discloses the system of claim 1, wherein the car audio system comprises an after-market car audio system. It is implied that the system of Coon would operate identically with either an OEM car stereo or an after-market system that comprises an antenna for receiving wireless audio transmissions.

With respect to claim 9, Coon discloses the system of claim 1, wherein the portable device comprises a portable receiver. It is implied that cellular phones comprise both a wireless transmitter and receiver.

With respect to claim 10, Coon discloses the system of claim 9, however does not disclose expressly wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver. Official Notice is taken that satellite phones are well known in the art and at the time of the invention it would have been obvious to a person of ordinary skill in the art that a satellite phone may be used in place of the cellular phone of Coon. The motivation for doing so would have been to receive transmissions in areas where cellular transmission towers are not present.

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With respect to claim 11, Coon discloses the system of claim 1, however does not disclose expressly wherein the portable device comprises a portable digital media player. Official Notice is taken that it is well known in the art that cellular phones may contain a media playing function. At the time of the invention it would have been obvious to a person of ordinary skill in the art to use a cellular phone with media playing options in the invention of Coon. The motivation for doing so would have been to reproduce media such as MP3's stored on a cellular phone on a vehicles audio system.

With respect to claim 12, Coon discloses the system of claim 11, wherein the portable digital media player comprises a video device (Dukach: fig.1 #142,144), a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

With respect to claim 13, Coon discloses the system of claim 1, wherein the portable device comprises a cellular telephone (fig.1 #28).

With respect to claim 14, Coon discloses the system of claim 1, further comprising a non-wireless connection established between the car audio system and the portable device for exchanging data, commands, audio and video signals between the car audio system and the portable device (fig.3 #68,70).

With respect to claim 15, Coon discloses the system of claim 1, wherein the integration subsystem (fig.1 #12) is positioned within the portable device (fig.1 #20,28).

With respect to claim 16, Coon discloses the system of claim 1, wherein the integration subsystem is positioned within the car audio system (fig.1).

With respect to claim 17, Coon discloses the system of claim 1, wherein the video information comprises a video file stored on the portable device (Dukach: fig.1 #108, pg.8,9 [0145]).

With respect to claim 18, Coon discloses the system of claim 1, wherein the video information comprises a picture stored on the portable device (Dukach: fig.1 #108, pg.8,9 [0145]).

With respect to claim 19, Coon discloses the system of claim 1, wherein the video information comprises a television signal received by the portable device (Dukach: pg.10 [0160]).

With respect to claim 20, Coon discloses a multimedia device integration system (fig.3) comprising: a car audio system (fig.3 #66); a portable device (fig.3 #72) external to the car audio system; a first wireless interface (fig.3 #70) in communication with the car audio system; a second wireless interface (fig.3 #68) in communication with the portable device, the first and second wireless interfaces establishing a wireless communications link between the car audio system and the portable device (col.4 ln.27-34); and an integration subsystem (fig.3 #12) for generating a device presence signal for maintaining the car audio system in a state responsive to the portable device, wherein the integration subsystem transmits the device presence signal to the car audio system, channels audio from the portable device to the car video system using the wireless communications link, processes audio information generated by the portable device into a format compatible with the car audio system, and transmits the processed audio information to the car audio system using the wireless communications link (col.4

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In.10-26). It is implied that the wireless cellular system of Coon remains in a responsive state to incoming signals from cellular network #74, wherein these signals are forwarded through the interface to the audio system #66.

Coon does not disclose expressly wherein the car audio system has a display and wherein the integration system processes video information.

Dukach discloses a car audio system (fig.1 #104) comprising a display (fig.1 #142,144) wherein an integration system (fig.1 #140) processes video information received through a wireless communications link (fig.1 #152)(pg.8,9 [0145]). At the time of the invention it would have been obvious to a person of ordinary skill in the art to use the video processing integration system of Dukach to process and display received video signals on a display of the radio of Coon. The motivation for doing so would have been to display video messages sent through cellular phones on a larger screen of a vehicle, thus not distracting a driver of vehicle by limiting the use of cellular phones while driving.

With respect to claim 21, Coon discloses the system of claim 20, wherein the integration subsystem processes data generated by the portable device into a format compatible with the car video system and displays the processed data on the display of the car video system (Dukach: pg.4 [0049]).

With respect to claim 22, Coon discloses the system of claim 20, wherein the integration subsystem receives control commands issued at the car video system and transmitted over the wireless communications link, processes the commands into a

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format compatible with the portable device, and dispatches the processed commands to the portable device for execution thereby (Dukach: pg.9 [0154]).

With respect to claim 23, Coon discloses the system of claim 20, wherein the integration subsystem further comprises a voice recognition subsystem for processing spoken control commands issued by a user (col.2 ln.54-65).

With respect to claim 24, Coon discloses the system of claim 23, wherein the integration subsystem retrieves an audio file or a video file from the portable device in response to a spoken command (col.2 ln.60-65).

With respect to claim 25, Coon discloses the system of claim 23, wherein the integration subsystem further comprises a speech synthesizer (fig.2 #42) for generating synthesized speech corresponding to data generated by the portable device (col.2 ln.54-65).

With respect to claim 26, Coon discloses the system of claim 20, wherein the car video system comprises an OEM car video system (fig.3 #66).

With respect to claim 27, Coon discloses the system of claim 20, wherein the car video system comprises an after-market car video system. It is implied that the system of Coon would operate identically with either an OEM car stereo or an after-market system that comprises an antenna for receiving wireless audio transmissions.

With respect to claim 28, Coon discloses the system of claim 20, wherein the portable device comprises a portable receiver. It is implied that cellular phones comprise both a wireless transmitter and receiver.

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With respect to claim 29, Coon discloses the system of claim 28, however does not disclose expressly wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver. Official Notice is taken that satellite phones are well known in the art and at the time of the invention it would have been obvious to a person of ordinary skill in the art that a satellite phone may be used in place of the cellular phone of Coon. The motivation for doing so would have been to receive transmissions in areas where cellular transmission towers are not present.

With respect to claim 30, Coon discloses the system of claim 20, however does not disclose expressly wherein the portable device comprises a portable digital media player. Official Notice is taken that it is well known in the art that cellular phones may contain a media playing function. At the time of the invention it would have been obvious to a person of ordinary skill in the art to use a cellular phone with media playing options in the invention of Coon. The motivation for doing so would have been to reproduce media such as MP3's stored on a cellular phone on a vehicles audio system.

With respect to claim 31, Coon discloses the system of claim 30, wherein the portable digital media player comprises a video device (Dukach: fig.1 #142,144), a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

With respect to claim 32, Coon discloses the system of claim 20, wherein the portable device comprises a cellular telephone (fig.1 #28).

With respect to claim 33, Coon discloses the system of claim 20, further comprising a non-wireless connection established between the car video system and the portable device for exchanging data, commands, audio and video signals between the car video system and the portable device (fig.3 #68,70).

With respect to claim 34, Coon discloses the system of claim 20, wherein the integration subsystem (fig.1 #12) is positioned within the portable device (fig.1 #20,28).

With respect to claim 35, Coon discloses the system of claim 20, wherein the integration subsystem is positioned within the car video system (fig.1).

With respect to claim 36, Coon discloses the system of claim 20, wherein the video information comprises a video file stored on the portable device (Dukach: fig.1 #108, pg.8,9 [0145]).

With respect to claim 37, Coon discloses the system of claim 20, wherein the video information comprises a picture stored on the portable device (Dukach: fig.1 #108, pg.8,9 [0145]).

With respect to claim 38, Coon discloses the system of claim 20, wherein the video information comprises a television signal received by the portable device (Dukach: pg.10 [0160]).

With respect to claim 71, Coon discloses a method for wirelessly integrating a portable device (fig.3 #20,72) for use with a car audio system comprising: establishing a wireless communications link between the car audio system and the portable device (fig.3 #68,70); generating a device presence signal for maintaining the car audio system in a state responsive to the portable device; transmitting the device presence signal to

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the car audio system over the wireless communications link; processing audio information generated by the portable device into a format compatible with the car audio system (col.4 ln.10-26); transmitting the processed audio signals generated by the portable device to the car audio system over the wireless communications link; and playing the audio signals over the car audio system (col.1 ln.55-59). It is implied that the wireless cellular system of Coon remains in a responsive state to incoming signals from cellular network #74, wherein these signals are forwarded through the interface to the audio system #66.

Coon does not disclose expressly wherein the car audio system has a display and wherein the integration system processes video information.

Dukach discloses a car audio system (fig.1 #104) comprising a display (fig.1 #142,144) wherein an integration system (fig.1 #140) processes video information received through a wireless communications link (fig.1 #152)(pg.8,9 [0145]). At the time of the invention it would have been obvious to a person of ordinary skill in the art to use the video processing integration system of Dukach to process and display received video signals on a display of the radio of Coon. The motivation for doing so would have been to display video messages sent through cellular phones on a larger screen of a vehicle, thus not distracting a driver of vehicle by limiting the use of cellular phones while driving.

With respect to claim 72, Coon discloses the method of claim 71, further comprising processing data generated by the portable device into a format compatible with the car audio system (Dukach: pg.4 [0049]).

With respect to claim 73, Coon discloses the method of claim 72, further comprising transmitting the processed data over the wireless communications link to the car audio system (col.4 ln.27-34).

With respect to claim 74, Coon discloses the method of claim 73, further comprising displaying the processed data on a display of the car audio system (Dukach: pg.10 [0157]).

With respect to claim 75, Coon discloses the method of claim 71, further comprising transmitting control commands issued by a user at the car audio system over the wireless communications link (Dukach: pg.9 [0154]).

With respect to claim 76, Coon discloses the method of claim 75, further comprising receiving the control commands at the portable device and processing the control commands into a format compatible with the portable device (Dukach: pg.9 [0154]).

With respect to claim 77, Coon discloses the method of claim 76, further comprising dispatching the processed control commands to the portable device for execution thereby (Dukach: pg.9 [0154]).

With respect to claim 78, Coon discloses the method of claim 71, further comprising receiving spoken control commands with a voice recognition subsystem and processing the spoken control commands into a format compatible with the portable device (col.2 ln.54-65).

With respect to claim 79, Coon discloses the method of claim 78, further comprising dispatching the processed control commands to the portable device for execution thereby (col.2 ln.54-65).

With respect to claim 80, Coon discloses the method of claim 71, further comprising generating synthesized speech corresponding to data generated by the portable device (col.3 ln.11-24).

With respect to claim 81, Coon discloses a method for wirelessly integrating a portable device (fig.3 #20,72) for use with a car audio system (fig.3 #66) comprising: establishing a wireless communications link between the car audio system and the portable device (fig.3 #68,70); generating a device presence signal for maintaining the car audio system in a state responsive to the portable device; transmitting the device presence signal to the car audio system over the wireless communications link; processing audio information generated by the portable device into a format compatible with the car audio system (col.4 ln.10-26); transmitting the processed audio information and audio signals generated by the portable device to the car audio system over the wireless communications link; and playing the audio signals over the car audio system (col.1 ln.55-59). It is implied that the wireless cellular system of Coon remains in a responsive state to incoming signals from cellular network #74, wherein these signals are forwarded through the interface to the audio system #66.

Coon does not disclose expressly wherein the car audio system has a display and wherein the integration system processes video information.

Dukach discloses a car audio system (fig.1 #104) comprising a display (fig.1 #142,144) wherein an integration system (fig.1 #140) processes video information received through a wireless communications link (fig.1 #152)(pg.8,9 [0145]). At the time of the invention it would have been obvious to a person of ordinary skill in the art to use the video processing integration system of Dukach to process and display received video signals on a display of the radio of Coon. The motivation for doing so would have been to display video messages sent through cellular phones on a larger screen of a vehicle, thus not distracting a driver of vehicle by limiting the use of cellular phones while driving.

With respect to claim 82, Coon discloses the method of claim 81, further comprising processing data generated by the portable device into a format compatible with the car video system (Dukach: pg.4 [0049]).

With respect to claim 83, Coon discloses the method of claim 82, further comprising transmitting the processed data over the wireless communications link to the car video system (col.4 ln.27-34).

With respect to claim 84, Coon discloses the method of claim 83, further comprising displaying the processed data on a display of the car video system (Dukach: pg.10 [0157]).

With respect to claim 85, Coon discloses the method of claim 81, further comprising transmitting control commands issued by a user at the car video system over the wireless communications link (Dukach: pg.9 [0154]).

With respect to claim 86, Coon discloses the method of claim 85, further comprising receiving the control commands at the portable device and processing the control commands into a format compatible with the portable device (Dukach: pg.9 [0154]).

With respect to claim 87, Coon discloses the method of claim 86, further comprising dispatching the processed control commands to the portable device for execution thereby (Dukach: pg.9 [0154]).

With respect to claim 88, Coon discloses the method of claim 81, further comprising receiving spoken control commands with a voice recognition subsystem and processing the spoken control commands into a format compatible with the portable device (col.2 ln.54-65).

With respect to claim 89, Coon discloses the method of claim 88, further comprising dispatching the processed control commands to the portable device for execution thereby (col.2 ln.54-65).

With respect to claim 90, Coon discloses the method of claim 81, further comprising generating synthesized speech corresponding to data generated by the portable device (col.3 ln.11-24).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Lazzeroni et al (US 2003/0026440 A1) discloses a multi-accessory vehicle audio system.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JASON R. KURR whose telephone number is (571)272-0552. The examiner can normally be reached on M-F 10:00am to 6:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivian Chin can be reached on (571) 273-7848. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jason R Kurr/
Examiner, Art Unit 2614

/Vivian Chin/
Supervisory Patent Examiner, Art Unit 2614

Notice of References Cited	Application/Control No. 11/475,847	Applicant(s)/Patent Under Reexamination MARLOWE, IRA	
	Examiner JASON R. KURR	Art Unit 2614	Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A US-6,539,358	03-2003	Coon et al.	704/275
*	B US-2002/0009978	01-2002	Dukach et al.	455/99
*	C US-2003/0026440	02-2003	Lazzeroni et al.	381/86
	D US-			
	E US-			
	F US-			
	G US-			
	H US-			
	I US-			
	J US-			
	K US-			
	L US-			
	M US-			

FOREIGN PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N				
	O				
	P				
	Q				
	R				
	S				
	T				

NON-PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)				
	U				
	V				
	W				
	X				

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Index of Claims



Application/Control No.

11/475,847

Examiner

JASON R. KURR

Applicant(s)/Patent under Reexamination

MARLOWE, IRA

Art Unit

2614

√	Rejected
=	Allowed

—	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claim		Date			
Final	Original	8/4/08	5/18/09		
	1	+	√		
	2		√		
	3		√		
	4		√		
	5		√		
	6		√		
	7		√		
	8		√		
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Search Notes



Application/Control No.

11/475,847

Examiner

JASON R. KURR

Applicant(s)/Patent under Reexamination

MARLOWE, IRA

Art Unit

2614

SEARCHED			
Class	Subclass	Date	Examiner
381	86	5/18/2009	JK
340	825.24	5/18/2009	JK
700	94	5/18/2009	JK
710	303	5/18/2009	JK
455	99	5/18/2009	JK

INTERFERENCE SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	DATE	EXMR
Inventor Search USC 101 Reviewed	5/18/2009	JK
Searched related apps 10/316961 11/805799 reviewed tagged docs	5/18/2009	JK

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	47	(US-20050239434-\$ or US-20030215102-\$ or US-20040151327-\$ or US-20020085730-\$ or US-20030053638-\$ or US-20030007649-\$ or US-20010001319-\$ or US-20030026440-\$ or US-20040090121-\$ or US-20020140289-\$ or US-20050049002-\$ or US-20070015486-\$ or US-20020197954-\$ or US-20020084910-\$ or US-20070293183-\$ or US-20050266879-\$ or US-20050172001-\$ or US-20030156200-\$). did. or (US-6791907-\$ or US-6993615-\$ or US-6346917-\$ or US-6591085-\$ or US-6330337-\$ or US-6956952-\$ or US-6728531-\$ or US-5339362-\$ or US-6295033-\$ or US-7006642-\$ or US-6374177-\$ or US-7020289-\$ or US-5794164-\$ or US-4787040-\$ or US-6396164-\$ or US-5515345-\$ or US-5625350-\$ or US-5436851-\$ or US-6608399-\$ or US-6163079-\$ or US-7069510-\$ or US-6653948-\$ or US-6052603-\$ or US-5187645-\$ or US-5305355-\$ or US-5280281-\$).did. or (US-6175789-\$ or US-6389560-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/05/18 15:52

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L2	838	381/86.ccls.	US- PGPUB; USPAT	OR	OFF	2009/05/18 15:53
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L5	531	710/303.ccls.	US- PGPUB; USPAT	OR	OFF	2009/05/18 15:54
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L7	3802	I2 I3 I4 I5 I6	US- PGPUB; USPAT	OR	OFF	2009/05/18 15:54
L8	3185	I7 and ((@ad @rlad) <="20060627")	US- PGPUB; USPAT	OR	OFF	2009/05/18 15:54
L9	645	I8 and presence	US- PGPUB; USPAT	OR	OFF	2009/05/18 15:54

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Substitute for form 1449/PTO <h2 style="text-align: center; margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; margin: 0;"><i>(Use as many sheets as necessary)</i></p>	Complete if Known												
Sheet 1 of 7	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application Number</td> <td>11/475,847</td> </tr> <tr> <td>Filing Date</td> <td>06/27/2006</td> </tr> <tr> <td>First Named Inventor</td> <td>Ira Marlowe</td> </tr> <tr> <td>Art Unit</td> <td>2614</td> </tr> <tr> <td>Examiner Name</td> <td>Kurr, Jason R.</td> </tr> <tr> <td>Attorney Docket Number</td> <td>99879-00026</td> </tr> </table>	Application Number	11/475,847	Filing Date	06/27/2006	First Named Inventor	Ira Marlowe	Art Unit	2614	Examiner Name	Kurr, Jason R.	Attorney Docket Number	99879-00026
Application Number	11/475,847												
Filing Date	06/27/2006												
First Named Inventor	Ira Marlowe												
Art Unit	2614												
Examiner Name	Kurr, Jason R.												
Attorney Docket Number	99879-00026												

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/JK/	1	US- 6,608,399	08/19/2003	McConnell, et al.	
/JK/	2	US- 6,629,197	09/30/2003	Bhogal, et al.	
/JK/	3	US- 6,529,804	03/04/2003	Draggon, et al.	
/JK/	4	US- 6,175,789	01/16/2001	Beckert, et al.	
/JK/	5	US- 2007/0293183	12/20/2007	Marlowe	
/JK/	6	US- 2004/0145457	07/29/2004	Schofield, et al.	
/JK/	7	US- 2004/0266336	12/30/2004	Patsiokas, et al.	
/JK/	8	US- 2003/0026440	02/03/2003	Lazzeroni, et al.	
/JK/	9	US- 2002/0084910	07/04/2002	Owens, et al.	
/JK/	10	US- 7,489,786	02/10/2009	Marlowe	
/JK/	11	US- 7,288,918	10/30/2007	DiStefano	
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/JK/	14	US- 5,859,628	01/12/1999	Ross, et al.	
/JK/	15	US- 5,808,373	09/15/1998	Hamanishi, et al.	
/JK/	16	US- 2008/0125031 A1	05/29/2008	Fadell, et al.	
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/JK/	19	US- 2003/0156200 A1	08/21/2003	Romano, et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/JK/	20	WO 2008/002954	01/03/2008	Ira Marlowe		
/JK/	21	WO 2006/094281	09/08/2006	Ira Marlowe		
/JK/	22	WO 2004/053722	06/24/2004	BlitzSafe of America, Inc		
/JK/	23	KR 1020010035788 English Abstract	05/07/2001	Gyu Jin Park		
/JK/	24	KR 1020010059192 English Abstract	07/06/2001	Hyundai Motor Company		
/JK/	25	JP 2000-286874 with English translation	10/13/2000	Suzuki Motor Corp.		

Examiner Signature: <u>/Jason Kurr/</u>	Date Considered:	<u>05/18/2009</u>
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Sheet 2 of 7	Application Number: 11/475,847 Filing Date: 06/27/2006 First Named Inventor: Ira M. Marlowe Art Unit: 2614 Examiner Name: Kurr, Jason R. Attorney Docket Number: 99879-00026

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
/JK/	26	US-	6,539,358	03/25/2003	Coon, et al.	
/JK/	27	US-	5,897,155	04/27/1999	Kerner, et al.	
/JK/	28	US-	6,397,086	05/28/2002	Chen	
		US-				
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)						
/JK/	29	JP	11-273321	with English Translation	10/08/1999	Clarion Co. Ltd.		

Examiner Signature	/Jason Kurr/	Date Considered	05/18/2009
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		Application Number	11/475,847
		Filing Date	06/27/2006
		First Named Inventor	Ira Marlowe
		Art Unit	2614
		Examiner Name	Kurr, Jason R.
Sheet	3	of	7
		Attorney Docket Number	99879-00026

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/JK/	30	Gilroy, Amy, "Blitz Safe Bows New SkyLink," This Week in Consumer Electronics (TWICE), November 24, 2003 (1 page)	
/JK/	31	Gilroy, Amy, "XM Exceeds Forecasts," This Week in Consumer Electronics (TWICE), November 24, 2003 (2 pages)	
/JK/	32	"BlitzSafe News," http://www.blitzsafe.com/blitz_news/news031124/body_news031124.html , November 24, 2003 (1 page)	
/JK/	33	"XM Satellite Radio Introduces XM Direct," http://www.blitzsafe.com/blitz_news/news031117/body_news031117.html , November 17, 2003 (3 pages)	
/JK/	34	"Digital Audio Radio," http://www.blitzsafe.com/blitz_news/news052003a/body_news052003a.html , 2003 (4 pages)	
/JK/	35	"BlitzSafe Winner of 2003 Autosound Grand Prix Accessories Supplier of the Year," Audiovideo Magazine, March 3, 2003 (1 page)	
/JK/	36	"BlitzSafe Releases World's First XM Satellite Radio, Auxiliary and CD Interfaces for Landrover Freelander 2003," http://www.blitzsafe.com/blitz_news/news092002b/body_news09002b.html , September 16, 2002 (1 page)	
/JK/	37	"BlitzSafe Releases World's First XM Satellite Radio, Auxiliary and CD Interfaces for Lexus," http://www.blitzsafe.com/blitz_news/news092002a/body_news09002a.html , September 14, 2002 (1 page)	
/JK/	38	Pohlmann, et al. "Satellite Radio A to Z," http://www.blitzsafe.com/blitz_news/news072002a/body_news072002a.html , 2002 (7 pages)	
/JK/	39	"BlitzSafe Launches XM and Six Interfaces for the 'Mini Cooper'," http://www.blitzsafe.com/blitz_news/news062002a/body_news062002a.html , June 25, 2002 (1 page)	

Examiner Signature	/Jason Kurr/	Date Considered	05/18/2009
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Sheet 4 of 7	Attorney Docket Number	99879-00026	

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/JK/	40	"Digital Connect," Mobile Electronics, May, 2002 (1 page)	
/JK/	41	Solomon, Brett, "Selling 12V: OEM Integration," Dealerscope, May, 2002 (1 page)	
/JK/	42	"XM Xtra:," Mobile Entertainment, April/May, 2002 (1 page)	
/JK/	43	"Blitzsafe Introduces New Line of XM Digital Connect Cables," The 12 Volt News, February 20, 2002 (2 pages)	
/JK/	44	"XM Radio Losses Mount As Do Subscribers," http://www.blitzsafe.com/blitz_news/news012002d/body_news012002d.html , January 24, 2002 (3 pages)	
/JK/	45	"Blitzsafe Expects 3 Mil. XM Subscribers Within Three Years," http://www.blitzsafe.com/blitz_news/news012002c/body_news012002c.html , January, 2002 (1 page)	
/JK/	46	"XM Signs Over 30,000 Subscribers in First 8 Weeks," XM Radio, January 7, 2002 (4 pages)	
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/JK/	49	"CD Changer Converter - Porsche Model Year 1996," http://www.blitzsafe.com/blitz_news/pr02071996/body_pr02071996.html , February 7, 1996 (1 page)	

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		Art Unit	2614
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		Attorney Docket Number	99879-00026

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/JK/	50	"CD Changer Converter - Mercedes Benz 1996 MY," http://www.blitzsafe.com/blitz_news/pr08231995/body_pr08231995.html, August 23, 1995 (1 page)	
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/JK/	59	Copy of Interview Summary dated December 15, 2006, from co-pending Application Serial No.: 10/732,909 (3 pages)	

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	11/475,847
		Filing Date	06/27/2006
		First Named Inventor	Ira Marlowe
		Art Unit	2614
		Examiner Name	Kurr, Jason R.
Sheet 6 of 7	Attorney Docket Number	99879-00026	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/JK/	60	Copy of Interview Summary dated January 3, 2007, from co-pending Application Serial No.: 10/732,909 (3 pages)	
/JK/	61	Copy of Office Action dated April 20, 2007, from co-pending Application Serial No.: 10/732,909 (20 pages)	
/JK/	62	Copy of Office Action dated October 3, 2007, from co-pending Application Serial No.: 10/732,909 (28 pages)	
/JK/	63	Copy of Interview Summary dated October 26, 2007, from co-pending Application Serial No.: 10/732,909 (3 pages)	
/JK/	64	International Search Report of the International Searching Authority mailed May 12, 2004, issued in connection with International Patent Appln. No. PCT/US03/39493 (4 pages)	
/JK/	65	International Search Report of the International Searching Authority mailed Sept. 24, 2007, issued in connection with International Patent Appln. No. PCT/US06/008043 (4 pages)	
/JK/	66	Written Opinion of the International Searching Authority mailed Sept. 24, 2007, issued in connection with International Patent Appln. No. PCT/US06/008043 (5 pages)	
/JK/	67	International Preliminary Report on Patentability issued Oct. 16, 2007, issued in connection with International Patent Appln. No. PCT/US06/008043 (1 page)	
/JK/	68	Russian Official Action with translation, issued by the Patent Office of the Russian Federation on Dec. 24, 2007, in connection with Russian App. No. 2006101060 (21 pages)	
/JK/	69	Written Opinion, mailed by the Australian Patent Office on Aug. 28, 2007, in connection with Singapore App. No. 200601303-1 (6 pages)	

Examiner Signature	/Jason Kurr/	Date Considered	05/18/2009
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 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	11/475,847
		Filing Date	06/27/2006
		First Named Inventor	Ira Marlowe
		Art Unit	2614
		Examiner Name	Kurr, Jason R.
Sheet 7 of 7	Attorney Docket Number	99879-00026	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/JK/	70	International Search Report of the International Searching Authority mailed September 25, 2008, issued in connection with International Patent Appln. No. PCT/US07/72182 (3 pages)	
/JK/	71	Written Opinion of the International Searching Authority mailed September 25, 2008, issued in connection with International Patent Appln. No. PCT/US07/72182 (7 pages)	
/JK/	72	Copy of Office Action dated July 9, 2008, from co-pending Application Serial No.: 10/732,909 (33 pages)	
/JK/	73	Notice of Allowance mailed July 31, 2008, issued in connection with co-pending Application Serial No. 10/316,961 (12 pages)	
/JK/	74	Notice of Allowance mailed December 29, 2008, issued in connection with co-pending Application Serial No. 10/316,961 (8 pages)	
/JK/	75	Copy of Office Action dated February 24, 2009, from co-pending Application Serial No. 10/732,909 (20 pages)	

Examiner Signature	/Jason Kurr/	Date Considered	05/18/2009
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INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)



Docket Number (Optional) 99879-00026	Application Number 11/475,847
Applicant(s) Ira Marlowe	
Filing Date 06/27/2006	Group Art Unit 2618

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/JK/	1	6,993,615	01/31/2006	Falcon	710	303	11/15/2002
/JK/	2	6,629,164	09/30/2003	Bhogal, et al.	711	111	11/03/2000
/JK/	3	6,653,948	11/25/2003	Kunimatsu, et al.	340	995.19	06/05/2000
/JK/	4	6,648,661	11/18/2003	Byrne, et al.	439	188	11/08/2002
/JK/	5	6,591,085	07/08/2003	Grady	455	42	07/17/2002

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/JK/	6	US 2005/0239434 A1	10/27/2002	Marlowe	455	345	03/03/2005
/JK/	7	US 2004/0151327 A1	08/05/2004	Marlowe	381	86	12/10/2003
/JK/	8	US 2004/0091123 A1	05/13/2004	Stark, et al.	381	86	11/08/2002
/JK/	9	US 2003/0215102 A1	11/20/2003	Marlowe	381	77	12/11/2002

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/JK/	10	VoiceBox Technologies, printout from website http://www.voiceboxtechnologies.com/auto.php (2 pages).
/JK/	11	"Video: A Dashboard That is Really a PC," printout from website http://news.com.com/1606-2_3-6052333.html (3 pages).

EXAMINER /Jason Kurr/	DATE CONSIDERED 05/18/2009
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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) 99879-00026	Application Number 11/475,847
	Applicant(s) Ira Marlowe	
	Filing Date 06/27/2006	Group Art Unit 2618

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/JK/	12	6,396,164	05/28/2002	Barnea, et al.	307	10.1	10/20/1999
/JK/	13	6,389,332	05/14/2002	Hess, et al.	701	1	05/01/2000
/JK/	14	6,374,177	04/16/2002	Lee, et al.	701	200	09/20/2000
/JK/	15	6,346,917	02/12/2002	Fuchs, et al.	343	713	11/09/2000
/JK/	16	6,330,337	12/11/2001	Nicholson, et al.	381	86	01/19/2000

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/JK/	17	US 2003/0086699 A1	05/08/2003	Benyamin, et al.	386	96	02/15/2002
/JK/	18	US 2003/0053638 A1	03/20/2003	Yasuhara	381	86	09/13/2002
/JK/	19	US 2003/0007649 A1	01/09/2003	Riggs	381	86	06/14/2002
/JK/	20	US 2002/0197954 A1	12/26/2002	Schmitt, et al.	455	41	12/31/2001

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

/JK/	21	"Blitz Safe Offers XM Cables for Radios," printout from website http://www.twice.com/article/CA190041.html?text=blitz+safe (2 pages)
/JK/	22	"Integration Products May Impact Satellite Radio," printout from website http://www.twice.com/article/CA200541.html?text=blitz+safe (3 pages)

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	Applicant(s) Ira Marlowe	
	Filing Date 06/27/2006	Group Art Unit 2618

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/JK/	23	6,295,033	09/25/2001	Chatzipetros, et al.	343	713	05/25/1999
/JK/	24	6,278,697	08/21/2001	Brody, et al.	370	310	07/29/1997
/JK/	25	6,163,079	12/19/2000	Miyazaki, et al.	307	10.1	07/23/1998
/JK/	26	6,157,725	12/05/2000	Becker	381	86	12/10/1997
/JK/	27	6,058,319	05/02/2000	Sadler	455	569	03/05/1997

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/JK/	28	US 2002/0180767 A1	12/05/2002	Northway, et al.	345	698	06/04/2001
/JK/	29	US 2002/0133610 A1	09/19/2002	Hadland	709	230	05/03/2002
/JK/	30	US 2002/0091863 A1	07/11/2002	Schug	709	250	10/19/2001
/JK/	31	US 2002/0085730 A1	07/04/2002	Holland	381	334	11/19/2001

FOREIGN PATENT DOCUMENTS

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							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

/JK/	32	"OEM Integration Poised for Strong Growth," printout from website http://www.twice.com/article/CA200523.html?text=blitz+safe (3 pages)
/JK/	33	"Blitzsafe Overview," from Blitzsafe.com website-"The Worldwide Leader in Aftermarket Interfaces and OEM Engineering" (1 page).

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/JK/	34	6,052,603	04/18/2000	Kinzalow, et al.	455	557	09/18/1997
/JK/	35	6,005,488	12/21/1999	Symanov, et al.	340	825.56	12/03/1997
/JK/	36	5,794,164	08/11/1998	Beckert, et al.	701	1	11/29/1995
/JK/	37	5,410,675	04/25/1995	Shreve, et al.	395	500	09/17/1993
/JK/	38	5,339,362	08/16/1994	Harris	381	86	01/07/1992

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/JK/	39	US 2001/0044664 A1	11/22/2001	Mueller, et al.	700	94	03/23/2001

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

/JK/	40	"Delphi XM SKYFI(TM) RADIO," product description from XM Satellite Radio website (2 pages).
/JK/	41	The New Delphi XM SKYFi Radio Add it to Any Car or Home Audio System, product description from www.xmradio.com (1 page).

EXAMINER /Jason Kurr/	DATE CONSIDERED 05/18/2009
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INFORMATION DISCLOSURE CITATION
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Docket Number (Optional) 99879-00026	Application Number 11/475,847
Applicant(s) Ira Marlowe	
Filing Date 06/27/2006	Group Art Unit 2618

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/JK/	42	4,943,978	07/24/1990	Rice	375	1	01/17/1989
/JK/	43	4,817,130	03/28/1989	Frimmel, Jr.	379	88	12/05/1986
/JK/	44	Re. 34,536	02/08/1994	Frimmel, Jr.	379	88	06/28/1990
/JK/	45	4,772,079	09/20/1988	Douglas, et al.	312	257	09/26/1986
/JK/	46	4,562,533	12/31/1985	Hodel, et al.	364	200	08/20/1984

U.S. PATENT APPLICATION PUBLICATIONS

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FOREIGN PATENT DOCUMENTS

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							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/JK/	47	Mobile Electronics: News, "Soundgate to Release New GM and BMW Interfaces," December 2, 2002, ME-Mag.com (1 page).
/JK/	48	"Welcome to Ventura Technology," from Venturatechnology.com (2 pages).

EXAMINER /Jason Kurr/	DATE CONSIDERED 05/18/2009
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/JK/	49	4,234,919	11/18/1980	Bruce, et al.	364	200	10/31/1978
/JK/	50	4,091,455	05/23/1978	Woods, et al.	364	200	12/20/1976
/JK/	51	4,068,104	01/10/1978	Werth, et al.	179	175.3	05/14/1976
/JK/	52	4,047,162	09/06/1977	Dorey, et al.	364	200	04/28/1975
/JK/	53	3,940,743	02/24/1976	Fitzgerald	340	172.5	11/05/1973

U.S. PATENT APPLICATION PUBLICATIONS

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

/JK/	54	Ventura Technology product descriptions from www.venturatechnology.net (1 page).
/JK/	55	"Phatnoise Digital Media Players," product description from http://www.phatnoise.com (2 pages).

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	Filing Date 06/27/2006	Group Art Unit 2618

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
/JK/ 56	"Automedia," magazine pages from June/July 1996 issue (2 pages).
/JK/ 57	"Automedia," magazine pages from January 1998 issue (2 pages).
/JK/ 58	"Automedia," magazine pages from February 1998 issue (2 pages).
/JK/ 59	"Automedia," magazine pages from July 1998 issue (2 pages).
/JK/ 60	"Automedia," magazine pages from September 1998 issue (2 pages).
/JK/ 61	"Automedia," magazine pages from November 1998 issue (12 pages).
/JK/ 62	"Automedia," magazine pages from February 1999 issue (2 pages).
/JK/ 63	"Automedia," magazine pages from February 1999 issue (2 pages).
/JK/ 64	"Car Stereo Review," magazine pages from June 1998 issue (5 pages).
/JK/ 65	"Car Stereo Review," magazine pages from January 1999 issue (2 pages).
/JK/ 66	"Car Stereo Review," magazine pages from April 1999 issue (3 pages).
/JK/ 67	"Car Audio and Electronics," magazine pages from December 1998 issue (2 pages).

EXAMINER /Jason Kurr/	DATE CONSIDERED 05/18/2009
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	Applicant(s) Ira Marlwe	
	Filing Date 06/27/2006	Group Art Unit 2618

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/JK/ 68	"Car Audio and Electronics," magazine pages from April 1999 issue (2 pages).
/JK/ 69	"Car Audio and Electronics," magazine pages from June 1999 issue (2 pages).
/JK/ 70	"Carsound," magazine pages from May/June 1999 issue (3 pages).
/JK/ 71	"Mobile Electronics Retailer," magazine pages from August 1997 issue (4 pages).
/JK/ 72	"Mobile Electronics," magazine pages from July 1999 issue (7 pages).
/JK/ 73	"Mobile Electronics," magazine pages from August 2000 issue (2 pages).
/JK/ 74	"Cesmobile," magazine pages from January 1999 issue (3 pages).
/JK/ 75	"The 12 Volt News," magazine pages from March 2002 issue (2 pages).
/JK/ 76	"P.I.E. Millennium Price Guide Make the Precision Decision," Precision Interface Electronics, Inc. (6 pages).
/JK/ 77	"PIE 1999 Price Guide," Precision Interface Electronics, Inc. (4 pages).
/JK/ 78	"Design & Engineering Showcase Award," award presented to Precision Interface Electronics, Inc. for DPX Technology Digital Protocol Converter FRDN/PC-KNW, 2000 International CES (1 page).
/JK/ 79	"Design & Engineering Showcase Award," award presented to Precision Interface Electronics, Inc. for DPX Technology Digital Protocol Converter GM9/PC-KNW, 2000 International CES (1 page).

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	Filing Date 06/27/2006	Group Art Unit 2618

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
/JK/	80 Invoice dated January 28, 1998 from Precision Interface Electronics, Inc. for "Ford FCU-Sanyo Protocol," and "Ford RCU Sanyo Protocol" (1 page).
/JK/	81 Invoice dated January 29, 1999 from Precision Interface Electronics, Inc. for "Ford NCU-Sanyo Protocol" (1 page).
/JK/	82 Invoice dated April 26, 1999 from Precision Interface Electronics, Inc. for "9 Pin GM-Kenwood Protocol," and "10 Pin GM-Kenwood Protocol" (1 page).
/JK/	83 Invoice dated April 27, 1999 from Precision Interface Electronics, Inc. for "9 Pin GM-Kenwood Protocol" (1 page).
/JK/	84 Invoice dated May 27, 1999 from Precision Interface Electronics, Inc. for "10 Pin GM-Kenwood Protocol," and "9 Pin GM-Kenwood Protocol" (1 page).
/JK/	85 Invoice dated March 20, 2000 from Precision Interface Electronics, Inc. for "98-2000 Pre-Wired VW 6 DIS" (1 page).
/JK/	86 Invoice dated March 20, 2000 from Precision Interface Electronics, Inc. for "98-2000 Pre-Wired VW 8 DIS," and "1998-2000 Audi to Pan 8 PC" (1 page).
/JK/	87 Invoice dated December 17, 2001 from Precision Interface Electronics, Inc. for "98-02 Ford/Lincoln/Mercury" (1 page).
/JK/	88 Invoice dated December 17, 2001 from Precision Interface Electronics, Inc. for "98-02 Ford/Lincoln/Mercury" (1 page).
/JK/	89 Invoice dated May 29, 2002 from Precision Interface Electronics, Inc. for "95-01 GMC/Chev/Pontiac AUX," and "98-02 Ford/Lincoln/Merc AU" (1 page).
/JK/	90 Toyota/Avox Interface Rev. Eng., Peripheral Model TIAS, created February 15, 1998 (1 page).
/JK/	91 GM/Kenwood Translator diagram, created February 4, 1999 (2 pages).

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	Filing Date 06/27/2006	Group Art Unit 2618

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/JK/	92 Ford/Audiovox Translator diagram, created December 29, 1997 (2 pages).
/JK/	93 Component Side Silkscreen, created December 31, 1997 (2 pages).
/JK/	94 Component Xray, created February 4, 1992 (2 pages).
/JK/	95 "SoundGate, Ventura Announce Sophisticated OEM-Integration Interfaces," article from The 12 Volt News, December 2002 (1 page).
/JK/	96 "XMDirect Smart Digital Adapter," product description (3 pages).
/JK/	97 "Breaking Protocol A Look at BlitzSafe's New DMX Protocol Converter Technology," November 1998 printout from http://www.blitzsafe.com/blitz_news/news101998/body_news101998.html (2 pages).
/JK/	98 "PIE Virtual Catalog," printout from http://web.archive.org/web/19981205005802/http://www.pie.net/sec12sbl.htm (2 pages).
/JK/	99 "The UniLink Project," printout from website (2 pages).
/JK/	100 "CD Changer Interfaces," printout from http://web.archive.org/web/19991012021952/soundgate.com/cd-inter.html (1 page).
/JK/	101 "Digital Obsessions A Spotlight on Audio Gadgets, ZDNet Music: The PhatNoise Car Audio System," printout from http://web.archive.org/web/20000815203327/music.zdnet.com/features/phantnoise (3 pages).
/JK/	102 "Bypassing and Switching With the CD4053 CMOS Analog MUX," printout from website (4 pages).
/JK/	103 "Device Profile: PhatNoise PhatBox Car MP3 Player," November 1, 2000, printout from http://techupdate.zdnet.com/techupdate/stories/main/0,14179,2649276,00.htm (4 pages).

EXAMINER /Jason Kurr/	DATE CONSIDERED 05/18/2009
---------------------------------	--------------------------------------

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) 99879-00026	Application Number 11/475,847
	Applicant(s) Ira Marlowe	
	Filing Date 06/27/2006	Group Art Unit 2618

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>	
/JK/	104	"The EZ Protoboard," printout from http://web.archive.org/web/20010613095105/http://www.ajusd.org/~edward/ezproto (2 pages).
/JK/	105	"TDIClub Forums: Reverse Engineering CD Changer Progress,," April 3, 2001, printout from website (3 pages).
/JK/	106	"TDIClub Forums: Reverse Engineering CD Changer Progress Reports,," April 5, 2001, printout from website (8 pages).
/JK/	107	"Multi Technology Equipment - Home of the Neo MP3 Player," printout from http://web.archive.org/web/20010413222617/ssiamerica.com/products/neo35/ (1 page).
/JK/	108	"TDIClub Forums: Reverse Engineering CD Changer Protocol Update," April 18, 2001, printout from website (3 pages).
/JK/	109	"The Car CD Changer Interface Page," printout from website (10 pages).
/JK/	110	"SourceForge.net: Project Info - GNUlink," printout from http://sourceforge.net/projects/gnunilink/ (3 pages).
/JK/	111	"EZ Protoboard News," printout from website (3 pages).
/JK/	112	"GNUlink - For All Your AUX-IN Needs..., "printout from http://gnunilink.sourceforge.net/ (4 pages).
/JK/	113	"VWCDPIC News, "printout from http://web.archive.org/web/20020701101541/http://www.ajusd.org/~edward/vwcdpic/ (8 pages).
/JK/	114	"VWCDPIC News, "printout from http://web.archive.org/web/20021009014959/http://www.ajusd.org/~edward/vwcdpic/ (10 pages).
/JK/	115	"Neo Car Jukebox MP3 Player," printout from website (3 pages).

EXAMINER /Jason Kurr/	DATE CONSIDERED 05/18/2009
---------------------------------	--------------------------------------

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) 99879-00026	Application Number 11/475,847
	Applicant(s) Ira Marlowe	
	Filing Date 06/27/2006	Group Art Unit 2618

*EXAMINER INITIAL	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
-------------------	---

/JK/	116	"Mobile Electronic E-Newsletter" dated January 13, 2005 (4 pages)
/JK/	117	"Axcess Introduces Two iPod Integration Units" product description dated January 19, 2005 (1 page).
/JK/	118	"Even More iPod Adapters On the Way," printout from twice.com website (2 pages).
/JK/	119	"Alpine Showing First MOST-Ready Product," printout from twice.com website (2 pages).
/JK/	120	"Bluetooth Gradually Enters Car Audio," prinout from twice.com website (2 pages).

EXAMINER /Jason Kurr/	DATE CONSIDERED 05/18/2009
------------------------------	-----------------------------------

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Customer No. 27614
Confirmation No. 9001

Examiner: Kurr, Jason R.

Re: Our file: 99879-00026
Applicant: Ira Marlowe
Serial No.: 11/475,847
Filed: 06/27/2006
For: Multimedia Device Integration System

Art Unit: 2614

Sir:

Enclosed for filing in the United States Patent and Trademark Office is the following:

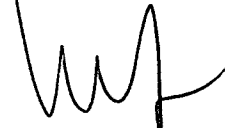
1. Request for Refund (with attachment) (2 pages)
2. Transmittal Sheet (1 page)

CONDITIONAL PETITION

If any extension of time is required for the submission of the above-identified items, Applicant requests that this be considered a petition therefor. Please charge any additional charges or any other charges relating to this matter, or credit any overpayment, to the Deposit Account of the writer, **Account No. 503571**.

7/15/09

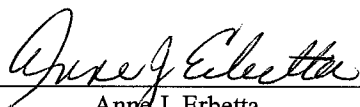
Respectfully submitted,



Michael R. Friscia
Registration No. 33,884
McCarter & English, LLP
Four Gateway Center
100 Mulberry Street
Newark, NJ 07102
Tel: (973) 639-8493
Fax: (973) 297-6627

CERTIFICATE OF ELECTRONIC FILING

I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office (via EFS-Web) on July 16, 2009.



Anne J. Erbetta

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ira Marlowe : Customer No. 27614
Conf. No. 9001
Serial No.: 11/475,847 :
Filed: 06/27/2006 : Examiner: Kurr, Jason R.
Art Unit: 2614
Title: Multimedia Device Integration System :

X

Mail Stop Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

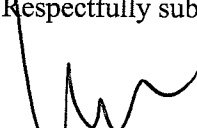
REQUEST FOR REFUND

Sir:

We have received and reviewed our March 2009 Statement of Deposit Account for Account No. 503571, and are requesting a refund in the amount of \$1,175.00 with regard to the above-referenced application. A copy of the Deposit Account Statement is attached hereto. According to the fee code (2255) noted on the Statement, we were charged twice for the five-month Extension Petition fee submitted with our response to the Restriction Requirement which was electronically filed on March 9, 2009 .

Accordingly, it is hereby requested that Deposit Account No. **503571** be credited \$1,175.00 for the duplicate charge.

Respectfully submitted,


Michael R. Friscia
Registration No. 33,884
McCarter & English, LLP
Four Gateway Center
100 Mulberry Street
Newark, NJ 07102
Tel: (973) 639-8493
Fax: (973) 297-6627

Date: 7/15/09



**United States
Patent and
Trademark Office**

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Deposit Account Statement

Requested Statement Month: March 2009
Deposit Account Number: 503571
Name: MCCARTER & ENGLISH, LLP
Attention: MARY MCDONALD
Street Address 1: FOUR GATEWAY CENTER
Street Address 2: 100 MULBERRY STREET
City: NEWARK
State: NJ
Zip: 07102
Country: UNITED STATES

DATE	SEQ	POSTING REF TXT	ATTORNEY DOCKET NBR	FEE CODE	AMT	BAL
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03/02	8584	12395393	117272-00001	2202	\$52.00	\$36,103.00
03/02	8585	12395393	117272-00001	2201	\$110.00	\$35,993.00
03/03	10117	10526347	97086-00057	1252	\$490.00	\$35,503.00
03/03	14348	11541396	99885-00042	2801	\$405.00	\$35,098.00
03/03	15792	10915862	116236-00002	1811	\$100.00	\$34,998.00
03/04	10372	6951464	99868-00002	2551	\$490.00	\$34,508.00
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Petitioners

✓03/13	14047	12403653	116490-00001	2111	462	\$270.00	\$19,431.00
✓03/13	14048	12403653	116490-00001	2311		\$110.00	\$19,321.00
✓03/16	4992	PCT/US09/37147	116490-00001PCT	1601		\$240.00	\$19,081.00
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✓03/17	2202	12404733	116993-00003	2111	462	\$270.00	\$14,549.00
✓03/17	2203	12404733	116993-00003	2311		\$110.00	\$14,439.00

START	SUM OF	SUM OF	END
BALANCE	CHARGES	REPLENISH	BALANCE
\$36,617.00	\$22,178.00	\$.00	\$14,439.00

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Electronic Acknowledgement Receipt

EFS ID:	5714689
Application Number:	11475847
International Application Number:	
Confirmation Number:	9001
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Customer Number:	27614
Filer:	Michael R. Friscia/Anne Erbetta
Filer Authorized By:	Michael R. Friscia
Attorney Docket Number:	99879-00026
Receipt Date:	16-JUL-2009
Filing Date:	27-JUN-2006
Time Stamp:	14:11:53
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	TransmittalLtrReqforRefund.pdf	33233 <small>079da2f4cb8668d13adcca1e1eed0f635be1765</small>	no	1

Warnings:

Information:

Petitioners

2	Refund Request	RequestforRefund.pdf	137489 a573e1e489851527791f625f097099c0ae4c2241	no	3
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Warnings:

Information:

Total Files Size (in bytes):	170722
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

FACSIMILE TRANSMISSION

MCCARTER & ENGLISH
ATTORNEYS AT LAW

SEND FAX TO:	COMPANY:	FAX NO:	PHONE NO:
Refund Section	Office of Finance USPTO	1-571-273-6500	

FROM:	EMAIL:	FAX NO:	PHONE NO:
Anne J. Erbetta	aerbetta@mccarter.com	973-624-7070	973-848-5327

October 14, 2009

Total number of pages including cover: 5

Client/Matter: 99879-0026

Call, if Problems:

McCarter & English, LLP
 Four Gateway Center
 100 Mulberry Street
 Newark, NJ 07102
 T. 973.622.4444
 F. 973.624.7070
 www.mccarter.com

Gentlemen:

Attached please find a Request for Refund and enclosures which was sent on July 15, 2009, for which we have not yet received the requested refund.

Regards,

Anne J. Erbetta
 Patent Docket Clerk
 McCarter & English
 100 Mulberry Street
 Gateway Four
 Newark, NJ 07102
 Telephone: (973) 848-5327
 Facsimile: (973) 624-7070

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ME1 9202881v.1

PAGE 115 * RCVD AT 10/14/2009 2:57:47 PM [Eastern Daylight Time] * SVR:USPTO-EFAXF-6/6 * DNIS:2736500 * CSID:9736247070 * DURATION (mm-ss):01-18

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Customer No. 27614
Confirmation No. 9001

Examiner: Kurr, Jason R.

Re: Our file: 99879-00026
Applicant: Ira Marlowe
Serial No.: 11/475,847
Filed: 06/27/2006
For: Multimedia Device Integration System

Art Unit: 2614

Sir:

Enclosed for filing in the United States Patent and Trademark Office is the following:

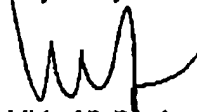
1. Request for Refund (with attachment) (2 pages)
2. Transmittal Sheet (1 page)

CONDITIONAL PETITION

If any extension of time is required for the submission of the above-identified items, Applicant requests that this be considered a petition therefor. Please charge any additional charges or any other charges relating to this matter, or credit any overpayment, to the Deposit Account of the writer, Account No. 503571.

7/15/09

Respectfully submitted,



Michael R. Fascia
Registration No. 33,884
McCarter & English, LLP
Four Gateway Center
100 Mulberry Street
Newark, NJ 07102
Tel: (973) 639-8493
Fax: (973) 297-6627

CERTIFICATE OF ELECTRONIC FILING

I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office (via EFS-Web) on July 16, 2009



Ann J. Erbetta

MEI 8776763v.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Ira Marlowe	:	Customer No. 27614
		:	Conf. No. 9001
Serial No.:	11/475,847	:	
Filed:	06/27/2006	:	Examiner: Kurr, Jason R.
		:	Art Unit: 2614
Title:	Multimedia Device Integration System	:	

X

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

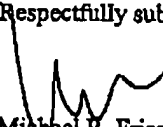
REQUEST FOR REFUND

Sir:

We have received and reviewed our March 2009 Statement of Deposit Account for Account No. 503571, and are requesting a refund in the amount of \$1,175.00 with regard to the above-referenced application. A copy of the Deposit Account Statement is attached hereto. According to the fee code (2255) noted on the Statement, we were charged twice for the five-month Extension Petition fee submitted with our response to the Restriction Requirement which was electronically filed on March 9, 2009.

Accordingly, it is hereby requested that Deposit Account No. 503571 be credited \$1,175.00 for the duplicate charge.

Respectfully submitted,


Michael R. Friscia
Registration No. 33,884
McCarter & English, LLP
Four Gateway Center
100 Mulberry Street
Newark, NJ 07102
Tel: (973) 639-8493
Fax: (973) 297-6627

Date:

7/15/09

2255

Deposit Account Statement



United States Patent and Trademark Office



Deposit Account Statement

Requested Statement Month: March 2009
 Deposit Account Number: 603571
 Name: MCCARTER & ENGLISH, LLP
 Attention: MARY MCDONALD
 Street Address 1: FOUR GATEWAY CENTER
 Street Address 2: 100 MULBERRY STREET
 City: NEWARK
 State: NJ
 Zip: 07102
 Country: UNITED STATES

DATE	SEQ	POSTING REF TXT	ATTORNEY DOCKET NBR	FEE CODE	AMT	BAL
03/02	8580	12395393	117272-00001	4011	\$82.00	\$36,535.00
03/02	8581	12395393	117272-00001	2111	\$270.00	\$36,265.00
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03/02	8584	12395393	117272-00001	2202	\$52.00	\$36,103.00
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03/06	14688	10978284	J&J 2011 OIP2	1804	\$848.00	\$28,130.00
✓03/10	2474	11267039	99843-00011	2253	\$555.00	\$27,575.00
✓03/10	2475	11267039	99843-00011	2801	\$405.00	\$27,170.00
✓03/10	4460	11475847	99879-00026	2255	\$1,175.00	\$25,995.00
✓03/10	5270	11475847	99879-00026	2255	\$1,175.00	\$24,820.00
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✓03/10	15490	11077680	ETH-1646 (CONT)	1251	\$130.00	\$24,650.00
✓03/11	1330	11805789	99879-00027	2255	\$1,175.00	\$23,475.00
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✓03/12	2399	10582569	97086-00075	1253	\$1,110.00	\$19,850.00
✓03/13	508	10316981	96979-00032	1811	\$100.00	\$19,750.00
✓03/13	14046	12403653	116480-00001	4011	\$82.00	\$19,668.00

Deposit Account Statement

✓03/13 14047 12403853	116490-00001	2111	✓ \$270.00	\$19,431.00
✓03/13 14048 12403853	116490-00001	2311	\$110.00	\$19,321.00
✓03/16 4992 PCT/US09/37147	116490-00001PCT	1601	\$240.00	\$19,081.00
✓03/16 4993 PCT/US09/37147	116490-00001PCT	1602	3500 \$2,080.00	\$17,001.00
✓03/16 4994 PCT/US09/37147	116490-00001PCT	1702	\$1,210.00	\$15,791.00
✓03/16 10932 29302023	96964-01115	1502	800 \$860.00	\$14,931.00
✓03/16 10933 29302023	96964-01115	8001	\$30.00	\$14,901.00
✓03/17 2201 12404733	116993-00003	4011	\$82.00	\$14,819.00
✓03/17 2202 12404733	116993-00003	2111	✓ \$270.00	\$14,549.00
✓03/17 2203 12404733	116993-00003	2311	\$110.00	\$14,439.00

START BALANCE	SUM OF CHARGES	SUM OF REPLENISH	END BALANCE
\$36,617.00	\$22,178.00	\$0.00	\$14,439.00

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Electronic Patent Application Fee Transmittal

Application Number:	11475847
Filing Date:	27-Jun-2006
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Filer:	Mark E. Nikolsky
Attorney Docket Number:	99879-00026

Adjustment
03/10/2009
01 FC:2255

date: 10/22/2009 SDIRETA1
INTEFSW 00002784 503571 11475847
1175.00 CR

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 5 months with \$0 paid	2255	1	1175	1175

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ira Marlowe
Serial No.: 11/475,847
Filed: 06/27/2006
Title: Multimedia Device Integration System

Examiner: Kurr, Jason R.

Art Unit: 2614

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE

Sir:

This is a response to the outstanding Office Action mailed May 28, 2009. The time period for response is extendible to and including November 30, 2009 (November 28, 2009 being a Saturday).

Amendments to the Claims begin on page 2 of this response.

Remarks begin on page 31 of this response.

AMENDMENTS TO THE CLAIMS

1-91. (Cancelled)

92. (New) A multimedia device integration system, comprising:

an integration subsystem in communication with a portable device, the portable device external to a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with the car audio/video system,

wherein said integration subsystem obtains information about an audio file stored on the portable device, transmits the information over said wireless communication link to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and transmits audio generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

93. (New) The system of claim 92, wherein said integration subsystem is positioned within the portable device.

94. (New) The system of claim 93, wherein said first wireless interface is positioned within the portable device.

95. (New) The system of claim 94, wherein said second wireless interface is positioned within the car audio/video system.

96. (New) The system of claim 91, wherein said integration subsystem receives, over said wireless communication link, a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

97. (New) The system of claim 92, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system over the wireless communication link for subsequent display of the processed data on a display of the car audio/video system.

98. (New) The system of claim 92, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

99. (New) The system of claim 98, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

100. (New) The system of claim 92, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

101. (New) The system of claim 100, wherein said integration subsystem transmits the synthesized speech to the car audio/video system over said wireless communication link for subsequent playing of the synthesized speech by the car audio/video system.

102. (New) The system of claim 92, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system over said wireless communications link to maintain the car audio/video system in a state responsive to the portable device.

103. (New) The system of claim 92, wherein the portable device comprises a portable receiver.

104. (New) The system of claim 103, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

105. (New) The system of claim 92, wherein the portable device comprises a portable digital media player.

106. (New) The system of claim 105, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

107. (New) The system of claim 92, wherein the portable device comprises a cellular telephone.

108. (New) The system of claim 92, further comprising a non-wireless connection established between the car audio/video system and the portable device.

109. (New) The system of claim 92, wherein said integration subsystem transmits, over said wireless communication link, information about a video file stored on the portable device to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and transmits video generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

110. (New) The system of claim 109, wherein the video file comprises a movie stored on the portable device.

111. (New) The system of Claim 109, wherein the video file comprises a picture stored on the portable device.

112. (New) The system of claim 109, wherein the video file comprises a video clip stored on the portable device.

113. (New) The system of claim 109, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video over the wireless communication link to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

114. (New) The system of claim 92, wherein the audio file comprises a song stored on the portable device.

115. (New) The system of claim 92, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser.

116. (New) A multimedia device integration system, comprising:

an integration subsystem in communication with a portable device, the portable device external to a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with the car audio/video system,

wherein said integration subsystem obtains information about an audio file received by the portable device, transmits the information over said wireless communication link to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and transmits audio generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

117. (New) The system of claim 116, wherein said integration subsystem is positioned within the portable device.

118. (New) The system of claim 117, wherein said first wireless interface is positioned within the portable device.

119. (New) The system of claim 118, wherein said second wireless interface is positioned within the car audio/video system.

120. (New) The system of claim 116, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

121. (New) The system of claim 116, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system over the wireless communication link for subsequent display of the processed data on a display of the car audio/video system.

122. (New) The system of claim 116, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

123. (New) The system of claim 122, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

124. (New) The system of claim 116, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

125. (New) The system of claim 124, wherein said integration subsystem transmits the synthesized speech to the car audio/video system over said wireless communication link for subsequent playing of the synthesized speech by the car audio/video system.

126. (New) The system of claim 116, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system over said wireless communications link to maintain the car audio/video system in a state responsive to the portable device.

127. (New) The system of claim 116, wherein the portable device comprises a portable receiver.

128. (New) The system of claim 127, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

129. (New) The system of claim 116, wherein the portable device comprises a portable digital media player.

130. (New) The system of claim 129, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

131. (New) The system of claim 116, wherein the portable device comprises a cellular telephone.

132. (New) The system of claim 116, further comprising a non-wireless connection established between the car audio/video system and the portable device.

133. (New) The system of claim 116, wherein said integration subsystem transmits, over said wireless communication link, information about a video file received by the portable device to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and transmits video generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

134. (New) The system of claim 133, wherein the video file comprises a streaming movie received by the portable device.

135. (New) The system of Claim 133, wherein the video file comprises a picture received by the portable device.

136. (New) The system of claim 133, wherein the video file comprises a streaming video clip received by the portable device.

137. (New) The system of claim 116, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video over the wireless communication link to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

138. (New) The system of claim 116, wherein the audio file comprises a song received by the portable device.

139. (New) The system of claim 116, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser.

140. (New) A multimedia device integration system, comprising:

an integration subsystem in communication with a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with a portable device external to the car audio/video system,

wherein said integration subsystem obtains, using said wireless communication link, information about an audio file stored on the portable device, transmits the information to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and receives audio generated by the portable device over said wireless communication link for playing on the car audio/video system.

141. (New) The system of claim 140, wherein said integration subsystem is positioned within the car audio/video system.

142. (New) The system of claim 141, wherein said first wireless interface is positioned within the car audio/video system.

143. (New) The system of claim 142, wherein said second wireless interface is positioned within the portable device.

144. (New) The system of claim 140, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

145. (New) The system of claim 140, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system.

146. (New) The system of claim 140, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

147. (New) The system of claim 150, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

148. (New) The system of claim 140, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

149. (New) The system of claim 148, wherein said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system.

150. (New) The system of claim 140, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device.

151. (New) The system of claim 140, wherein the portable device comprises a portable receiver.

152. (New) The system of claim 151, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

153. (New) The system of claim 140, wherein the portable device comprises a portable digital media player.

154. (New) The system of claim 153, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

155. (New) The system of claim 140, wherein the portable device comprises a cellular telephone.

156. (New) The system of claim 140, further comprising a non-wireless connection established between the car audio/video system and the portable device.

157. (New) The system of claim 140, wherein said integration subsystem obtains, using said wireless communication link, information about a video file stored on the portable device for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and receives video generated by the portable device over said wireless communication link for playing on the car audio/video system.

158. (New) The system of claim 157, wherein the video file comprises a movie stored on the portable device.

159. (New) The system of Claim 157, wherein the video file comprises a picture stored on the portable device.

160. (New) The system of claim 157, wherein the video file comprises a video clip stored on the portable device.

161. (New) The system of claim 157, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

162. (New) The system of claim 140, wherein the audio file comprises a song stored on the portable device.

163. (New) The system of claim 140, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser.

164. (New) A multimedia device integration system, comprising:

an integration subsystem in communication with a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with a portable device external to the car audio/video system,

wherein said integration subsystem obtains, using said wireless communication link, information about an audio file received by the portable device, transmits the information to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and receives audio generated by the portable device over said wireless communication link for playing on the car audio/video system.

165. (New) The system of claim 164, wherein said integration subsystem is positioned within the car audio/video system.

166. (New) The system of claim 165, wherein said first wireless interface is positioned within the car audio/video system.

167. (New) The system of claim 166, wherein said second wireless interface is positioned within the portable device.

168. (New) The system of claim 164, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

169. (New) The system of claim 164, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system.

170. (New) The system of claim 164, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

171. (New) The system of claim 170, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

172. (New) The system of claim 164, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

173. (New) The system of claim 172, wherein said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system.

174. (New) The system of claim 164, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device.

175. (New) The system of claim 164, wherein the portable device comprises a portable receiver.

176. (New) The system of claim 175, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

177. (New) The system of claim 164, wherein the portable device comprises a portable digital media player.

178. (New) The system of claim 177, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

179. (New) The system of claim 164, wherein the portable device comprises a cellular telephone.

180. (New) The system of claim 164, further comprising a non-wireless connection established between the car audio/video system and the portable device.

181. (New) The system of claim 164, wherein said integration subsystem obtains, over said wireless communication link, information about a video file received by the portable device for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and receives video generated by the portable device over said wireless communication link for playing on the car audio/video system.

182. (New) The system of claim 180, wherein the video file comprises a streaming movie received by the portable device.

183. (New) The system of Claim 180, wherein the video file comprises a picture received by the portable device.

184. (New) The system of claim 180, wherein the video file comprises a streaming video clip received by the portable device.

185. (New) The system of claim 180, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

186. (New) The system of claim 164, wherein the audio file comprises a song stored on the portable device.

187. (New) The system of claim 164, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser.

188. (New) A multimedia device integration system, comprising:

first and second wireless interfaces establishing a wireless communication link between a car audio/video system and a portable device external to the car audio/video system; and

an integration subsystem in communication with said wireless communication link,

wherein said integration subsystem channels audio generated by the portable device to the car audio/video system using the wireless communication link for subsequent playing of the audio on the car audio/video system, the audio corresponding to an audio file played by the portable device.

189. (New) The system of claim 188, wherein said integration subsystem is positioned within the portable device.

190. (New) The system of claim 188, wherein said integration subsystem is positioned within the car audio/video system.

191. (New) The system of claim 188, where the audio file is stored on the portable device.

192. (New) The system of claim 188, wherein the audio file is received by the portable device.

193. (New) The system of claim 188, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

194. (New) The system of claim 188, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system.

195. (New) The system of claim 188, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

196. (New) The system of claim 195, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

197. (New) The system of claim 188, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

198. (New) The system of claim 197, wherein said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system.

199. (New) The system of claim 188, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device.

200. (New) The system of claim 188, wherein the portable device comprises a portable receiver.

201. (New) The system of claim 200, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

202. (New) The system of claim 188, wherein the portable device comprises a portable digital media player.

203. (New) The system of claim 202, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

204. (New) The system of claim 188, wherein the portable device comprises a cellular telephone.

205. (New) The system of claim 188, further comprising a non-wireless connection established between the car audio/video system and the portable device.

206. (New) The system of claim 188, wherein said integration subsystem channels video generated by the portable device to the car audio/video system over the wireless communication link for subsequent playing of the audio on the car audio/video system, the video corresponding to a video file played by the portable device.

207. (New) The system of claim 206, wherein the video file comprises a movie stored on the portable device.

208. (New) The system of Claim 206, wherein the video file comprises a picture stored on the portable device.

209. (New) The system of claim 206, wherein the video file comprises a video clip stored on the portable device.

210. (New) The system of claim 206, wherein the video file comprises streaming video received by the portable device.

211. (New) The system of claim 206, wherein the video file comprises a navigation map generated by the portable device.

212. (New) The system of claim 206, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

REMARKS

Attorney for Applicant has carefully reviewed the outstanding Office Action on the above-identified application. Applicant has amended the application, as set forth herein, and respectfully submits that the application, as amended, is in condition for allowance.

Applicant has cancelled claims 1-91 and added new claims 92-212 to overcome the rejections raised in the Office Action and to further define the present invention. New claims 92-212 are directed to a multimedia device integration system which allows for wireless integration of a portable device with a car audio/video system. For the reasons set forth below, Applicant respectfully submits that new claims 92-212 are patentable over U.S. Patent No. 6,539,358 to Coon et al. and U.S. Patent Application Publication No. 2002/0009978 to Dukach, et al., taken alone or in combination.

Applicant's claimed invention relates to a multimedia device integration system for wirelessly integrating a portable device with a car audio/video system. First and second wireless interfaces are provided, which establish a wireless communication link between the portable device and the car audio/video system. The wireless interfaces could be positioned within the portable device and the car audio/video system, respectively, or external thereto. An integration subsystem is also provided. In one embodiment, the integration subsystem is positioned within the car audio/video system, and is in communication with the one of the wireless interfaces. In another embodiment, the wireless integration subsystem is positioned within the portable device, and is in communication with the other wireless interface. The integration subsystem obtains information about an audio and/or a video file stored on the portable device, or received by the

portable device, and transmits the information to the car audio/video system for display on a display of the car audio/video system. For example, the information could relate to a song name, an artist name, a track identifier, etc. The integration subsystem instructs the portable device to play the audio and/or video file in response to a user selecting the audio and/or video file using the controls of the car audio/video system, and transmits audio and/or video from the portable device to the car audio/video system for playing thereon, using the wireless communication link.

New independent claims 92 and 116 recite a multimedia device integration system which includes an integration subsystem in communication with a portable device, the portable device external to a car audio/video system; and a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with the car audio/video system, **wherein said integration subsystem obtains information about an audio file stored on, or received by, the portable device, transmits the information over said wireless communication link to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and transmits audio generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.** Neither U.S. Patent No. 6,539,358 to Coon, et al. nor U.S. Patent Application Publication No. 2002/0009978 to Dukach, et al., taken alone or in combination, teach or suggest such features.

Additionally, new independent claims 140 and 164 recite a multimedia device integration system which includes an integration subsystem in communication with a car audio/video system; and a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with a portable device external to the car audio/video system, **wherein said integration subsystem obtains, using said wireless communication link, information about an audio file stored on, or received by, the portable device, transmits the information to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and receives audio generated by the portable device over said wireless communication link for playing on the car audio/video system.** Neither Coon, et al. nor Dukach, et al., taken alone or in combination, teach or suggest such limitations.

Coon, et al., the primary reference, discloses a voice-interactive docking station for a portable computing device. As shown in FIG. 2, the docking station includes an interface application 38 which communicates with a portable computing device, a speech recognizer 36 for recognizing spoken commands (e.g., from a microphone), and a text-to-speech synthesizer 42 which generates synthesized speech in response to data obtained by the interface application 38 from the portable computing device. The synthesized speech can be transmitted to an audio system 44, such as a car audio system, using an RF (wireless) link.

Importantly, Coon, et al. fails entirely to disclose an integration subsystem which obtains information about an audio and/or a video file stored on, or received by, a portable device external to a car audio/video system, nor does Coon, et al. disclose transmitting the information to a car audio/video system for subsequent display of the information on a display of the car audio/video system, as required by all of the independent claims. Further, Coon, et al. disclose an integration subsystem which instructs the portable device to play the audio and/or video file in response to a user selecting the audio and/or video file using the controls of a car audio/video system, as required by all of the pending claims. At best, Coon, et al. discloses transmitting audio to a car stereo system from the docking station disclosed therein using an RF (wireless) link. However, the system of Coon, et al. does not obtain information about an audio or video file stored on either the portable computing device or the telephone, nor does it instruct the portable computing device or telephone to play an audio or video file in response to a user selecting the audio or video file using controls of a car audio/video system.

Dukach, et al. fails to cure the foregoing deficiencies of Coon, et al. While Dukach, et al. discloses units for displaying information on vehicles which includes one or more wireless communication networks for transmitting information to be displayed to the units, Dukach, et al. fails entirely to disclose an integration subsystem which obtains information about an audio and/or a video file stored on, or received by, a portable device external to a car audio/video system, transmits the information to a car audio/video system for subsequent display of the information on a display of the car audio/video system, and instructs the portable device to play the audio and/or video file in response to a user selecting the audio and/or video file using the controls of a car audio/video system, as required by all of the pending claims. At best, the

system of Dukach, et al. wirelessly receives video or audio information (from a central station) to displayed on the car rooftop display. However, it has no ability to obtain information about an audio or video file stored on, or received by, a portable device external to a car audio/video system, such as artist name, track number, song title, etc., much less display such information on a display of a car audio/video system. Further, the system of Dukach, et al. has no ability to instruct the portable device to play the audio or video file stored on, or received by, the portable device, in response to a user selecting the audio or video file using the controls of the car audio/video system.

In view of the foregoing, neither Coon, et al. nor Dukach, et al., taken alone or in combination, teach or suggest each element of new independent claims 92, 116, 140, and 164. Dependent claims 93-115, 117-139, 141-163, and 165-187, which depend from claims 92, 116, 140, and 164 and contain the same limitations, are also patentable for the same reasons.

Applicant also respectfully submits that neither Coon, et al. nor Dukach, et al., taken alone or in combination, teach or suggest each element of new independent claim 188 and claims 189-212 depending therefrom. These claims recite a multimedia device integration system which includes first and second wireless interfaces establishing a wireless communication link between a car audio/video system and a portable device external to the car audio/video system; and an integration subsystem in communication with said wireless communication link, wherein said integration subsystem channels audio generated by the portable device to the car audio/video system using the wireless communication link for subsequent playing of the audio

on the car audio/video system, **the audio corresponding to an audio file played by the portable device.** Neither Coon, et al. nor Dukach, et al., taken alone or in combination, disclose an integration subsystem which wirelessly transmits audio from a portable device to a car stereo, the audio corresponding to an audio file played by the portable device. As such, claims 188-212 are patentable over these references.

All issues raised in the Office Action appear to have been addressed. Claims 1-91 were cancelled, and new claims 92-212 were added. No new matter has been added. Claims 92-212 are pending and are in condition for allowance. Examination is requested and favorable action solicited.

Date: 11/30/2009

Respectfully submitted,



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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.
99879-00026

In Re Application Of: **Ira Marlowe**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
11/475,847	06/27/2006	Kurr, Jason R.	27614	2614	9001

Title: **Multimedia Device Integration System**

Address to:
**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- the statement specified in 37 CFR 1.97(e);
- OR**
- the fee set forth in 37 CFR 1.17(p).

P10A/REV06

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
99879-00026

In Re Application of: **Ira Marlowe**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
11/475,847	06/27/2006	Kurr, Jason R.	27614	2614	9001

Title: **Multimedia Device Integration System**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of _____ is attached.
- The Director is hereby authorized to charge and credit Deposit Account No. 503571
as described below.
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 - Credit any overpayment.
 - Charge any additional fee required.
- Payment by credit card. Form PTO-2038 is attached.

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(Date)

Signature

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Certificate of Mailing by First Class Mail

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(Date)

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Certificate

***This certificate may only be used if paying by deposit account.**

Mark E. Nikolsky

Signature

Dated: *11/30/2009*

Mark E. Nikolsky
Registration No. 48,319
McCarter & English, LLP
Four Gateway Center
100 Mulberry Street
Newark, NJ 07102
Tel: (973) 639-6987
Fax: (973) 297-6624

cc:

P10A/REV06

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***(Use as many sheets as necessary)***Complete if Known**

Application Number	11/475,847
Filing Date	06/27/2006
First Named Inventor	Ira Marlowe
Art Unit	2614
Examiner Name	Kurr, Jason R.
Attorney Docket Number	99879-00026

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 2005/0021190	01/27/2005	Worrell, et al.	
	2	US- 2007/0149115	06/28/2007	White, et al.	
	3	US- 2009/0017866	01/15/2009	White, et al.	
	4	US- 2009/0018682	01/15/2009	Fadell, et al.	
	5	US- 7,062,255	06/13/2006	Nakanaga	
	6	US- 7,187,947	03/06/2007	White, et al.	
	7	US- 7,324,833	01/29/2008	White, et al.	
	8	US- 7,440,772	10/21/2008	White, et al.	
	9	US- 7,486,926	02/03/2009	White, et al.	
	10	US- 6,163,711	12/19/2000	Juntunen, et al.	
	11	US- 6,255,961	07/03/2001	Van Ryzin, et al.	
	12	US- 6,282,464	08/28/2001	Obradovich	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	11/475,847
		Filing Date	06/27/2006
		First Named Inventor	Ira Marlowe
		Art Unit	2614
		Examiner Name	Kurr, Jason R.
Sheet 2	of 2	Attorney Docket Number	99879-00026

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	13	Copy of Office Action dated November 25, 2009, from co-pending Application No. 10/732,909 (16 pages)	
	14	Copy of Office Action dated June 23, 2009, from co-pending Application No. 11/071,667 (9 pages)	
	15	Copy of Office Action dated March 18, 2009, from co-pending Application No. 11/805,799 (10 pages)	
	16	Copy of Substantive Examination Adverse Report mailed by the Malaysian Patent Office on March 13, 2009 in connection with Malaysian Patent Application No. PI 20060884 (5 pages)	
	17	Copy of Office Action with English translation, dated May 8, 2009, issued by the Chinese Patent Office in connection with Chinese Patent Application No. 200610059421.7 (12 pages)	
	18	Copy of Examiner's First Report dated March 30, 2009, issued by the Australian Patent Office in connection with Australian Patent Application No. 2003297898 (3 pages)	
	19	Copy of Supplementary European Search Report dated June 30, 2009, issued by the European Patent Office in connection with European Patent Application No. EP03796968 (5 pages)	
	20	Copy of Office Action mailed by the Japanese Patent Office on August 15, 2008 in connection with Japanese Patent Application No. JP2006-056718 (3 pages)	
	21	Copy of Office Action mailed by the Japanese Patent Office on March 27, 2009 in connection with Japanese Patent Application No. JP2006-056718 (2 pages)	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.
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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Electronic Patent Application Fee Transmittal

Application Number:	11475847
Filing Date:	27-Jun-2006
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Filer:	Mark E. Nikolsky/Janelle Fava
Attorney Docket Number:	99879-00026

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Claims in excess of 20	2202	30	26	780

Miscellaneous-Filing:

Petition:

Patent-Appeals-and-Interference:

Post-Allowance-and-Post-Issuance:

Extension-of-Time:

Petitioners

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 3 months with \$0 paid	2253	1	555	555
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				1515

Electronic Acknowledgement Receipt

EFS ID:	6537776
Application Number:	11475847
International Application Number:	
Confirmation Number:	9001
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Customer Number:	27614
Filer:	Mark E. Nikolsky/Janelle Fava
Filer Authorized By:	Mark E. Nikolsky
Attorney Docket Number:	99879-00026
Receipt Date:	30-NOV-2009
Filing Date:	27-JUN-2006
Time Stamp:	14:59:05
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$1515
RAM confirmation Number	5665
Deposit Account	503571
Authorized User	

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Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Petitioners

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	Transmittal.pdf	43353	no	1
			1f9619603d82c54b932d586cecaec0c687eef1e0		
Warnings:					
Information:					
2	Extension of Time	Extension.pdf	93978	no	2
			8f9ce0b838fa314b84f41d5e83476b73babf6493		
Warnings:					
Information:					
3	Amendment/Req. Reconsideration-After Non-Final Reject	Response.pdf	1223383	no	36
			f3d0a58d4a97de707e51c7a7b3d819ab2762ee56		
Warnings:					
Information:					
4	Transmittal Letter	IDSLetter.pdf	96050	no	2
			33682cb1812ab380b721a5e4f5b02672e1288144		
Warnings:					
Information:					
5	Information Disclosure Statement (IDS) Filed (SB/08)	IDS.pdf	169854	no	2
			bfd98c4683be8f71fb05212eca5d87e0e331570a		
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
6	NPL Documents	Ref13.pdf	575892	no	16
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Warnings:					
Information:					
7	NPL Documents	Ref14.pdf	319278	no	9
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Warnings:					
Information:					

8	NPL Documents	Ref15.pdf	346470	no	10
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Warnings:					
Information:					
9	NPL Documents	Ref16.pdf	252859	no	5
			898f78d62b47e8c0af5a2bfe298088a65f67fda6		
Warnings:					
Information:					
10	NPL Documents	Ref17.pdf	884189	no	12
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Warnings:					
Information:					
11	NPL Documents	Ref18.pdf	173541	no	3
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Warnings:					
Information:					
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Information:					
13	NPL Documents	Ref20.pdf	150841	no	3
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Warnings:					
Information:					
14	NPL Documents	Ref21.pdf	92966	no	2
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Warnings:					
Information:					
15	Fee Worksheet (PTO-875)	fee-info.pdf	33234	no	2
			7907282ee8c001b5af120afa6a033abde63075a		
Warnings:					
Information:					
Total Files Size (in bytes):			4686175		

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Customer No. 27614
Confirmation No. 9001

Re: Our file: 99879-00026
Applicant: Ira Marlowe
Serial No.: 11/475,847
Filed: 06/27/2006
For: Multimedia Device Integration System

Examiner: Kurr, Jason R.
Art Unit: 2614

Sir:

Enclosed for filing in the United States Patent and Trademark Office is the following:

1. Response to Office Action (36 pages)
2. Combined Amendment and Petition for Extension of Time Under 37 CFR 1.136(a) (2 pages)
3. Transmittal of Information Disclosure Statement (2 pages)
4. Form PTO/SB/08A (1 page)
5. Form PTO/SB/08B (1 page)
6. Copies of References 13-21 from Form PTO/SB/08B
7. Transmittal Sheet (1 page)

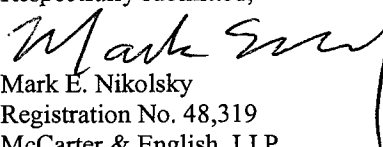
CONDITIONAL PETITION

If any extension of time is required for the submission of the above-identified items, Applicant requests that this be considered a petition therefor. Please charge any additional charges or any other charges relating to this matter, or credit any overpayment, to the Deposit Account of the writer, **Account No. 503571**.

Date

11/30/2009

Respectfully submitted,



Mark E. Nikolsky
Registration No. 48,319
McCarter & English, LLP
Four Gateway Center
100 Mulberry Street
Newark, NJ 07102
Tel: (973) 639-6987
Fax: (973) 297-6624

CERTIFICATE OF ELECTRONIC FILING

I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office (via EFS-Web) on 11/30/09.


Janelle Fava

COMBINED AMENDMENT & PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a) (Small Entity)

Docket No.
99879-00026

In Re Application Of: **Ira Marlowe**

Application No. 11/475,847	Filing Date 06/27/2006	Examiner Kurr, Jason Richard	Customer No. 27614	Group Art Unit 2614	Confirmation No. 9001
--------------------------------------	----------------------------------	--	------------------------------	-------------------------------	---------------------------------

Invention: **Multimedia Device Integration System**

COMMISSIONER FOR PATENTS:

This is a combined amendment and petition under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the Office Action of 05/28/2009 in the above-identified application.
Date

The requested extension is as follows (check time period desired):

- One month Two months Three months Four months Five months

from: 08/28/2009 until: 11/30/2009
Date *Date*

Applicant claims small entity status. See 37 CFR 1.27.

The fee for the amendment and extension of time has been calculated as shown below:

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	121 -	91 =	30	x \$26.00	\$780.00
INDEP. CLAIMS	5 -	7 =	0	x \$110.00	\$0.00
FEE FOR AMENDMENT					\$780.00
FEE FOR EXTENSION OF TIME					\$555.00
TOTAL FEE FOR AMENDMENT AND EXTENSION OF TIME					\$1,335.00

**COMBINED AMENDMENT & PETITION FOR EXTENSION OF
TIME UNDER 37 CFR 1.136(a) (Small Entity)**

Docket No.
99879-00026

The fee for the amendment and extension of time is to be paid as follows:

- A check in the amount of _____ for the amendment and extension of time is enclosed.
- Please charge Deposit Account No. **503571** in the amount of **\$1,335.00**
- The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. **503571**
- Any additional filing fees required under 37 C.F.R. 1.16.
- Any patent application processing fees under 37 CFR 1.17.
- If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. **503571**
- Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.


Signature

Dated: 11/30/2009

Mark E. Nikolsky
Registration No. 48,319
McCarter & English, LLP
Four Gateway Center
100 Mulberry Street
Newark, NJ 07102
Tel: (973) 639-6987
Fax: (973) 297-6624

cc:

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(Date)

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/475,847	Filing Date 06/27/2006	<input type="checkbox"/> To be Mailed
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APPLICATION AS FILED – PART I			OTHER THAN SMALL ENTITY				
	(Column 1)	(Column 2)	SMALL ENTITY <input checked="" type="checkbox"/>	OR			
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A			N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	N/A	N/A			N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A			N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>	minus 20 =	*	X \$ =		OR	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =			X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II					OTHER THAN SMALL ENTITY				
	(Column 1)	(Column 2)	(Column 3)		SMALL ENTITY	OR			
AMENDMENT	11/30/2009	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	* 121	Minus ** 91	= 30	X \$26 =	780	OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	* 5	Minus *** 7	= 0	X \$110 =	0	OR	X \$ =	
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>								
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
					TOTAL ADD'L FEE	780	OR	TOTAL ADD'L FEE	

	(Column 1)	(Column 2)	(Column 3)						
AMENDMENT	Total <small>(37 CFR 1.16(i))</small>	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	*	Minus	**	=	X \$ =		OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus	***	X \$ =		OR	X \$ =	
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>								
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
 /TARA J. WITCHER/

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Substitute for form 1449/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;"><i>(Use as many sheets as necessary)</i></p>	<h3 style="text-align: center;">Complete if Known</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Application Number</td><td>11/475,847</td></tr> <tr><td>Filing Date</td><td>06/27/2006</td></tr> <tr><td>First Named Inventor</td><td>Ira Marlowe</td></tr> <tr><td>Art Unit</td><td>2614</td></tr> <tr><td>Examiner Name</td><td>Kurr, Jason R.</td></tr> <tr><td>Attorney Docket Number</td><td>99879-00026</td></tr> </table>	Application Number	11/475,847	Filing Date	06/27/2006	First Named Inventor	Ira Marlowe	Art Unit	2614	Examiner Name	Kurr, Jason R.	Attorney Docket Number	99879-00026
Application Number	11/475,847												
Filing Date	06/27/2006												
First Named Inventor	Ira Marlowe												
Art Unit	2614												
Examiner Name	Kurr, Jason R.												
Attorney Docket Number	99879-00026												
Sheet <u>1</u> of <u>2</u>													

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 6,889,064	05/03/2005	Baratono, et al.	
	2	US- 6,134,456	10/17/2000	Chen	
	3	US- 5,978,689	11/02/1999	Tuoriniemi, et al.	
	4	US- 2005/0282600	12/22/2005	Paradice, III	
	5	US- 2007/0230099	10/04/2007	Turner, et al.	
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	11/475,847
		Filing Date	06/27/2006
		First Named Inventor	Ira Marlowe
		Art Unit	2614
		Examiner Name	Kurr, Jason R.
Sheet	2	of	2
		Attorney Docket Number	99879-00026

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	6	Copy of Office Action dated December 11, 2009, from co-pending Application No. 11/805,799 (14 pages)	
	7	Copy of Russian Official Action with translation, received on September 1, 2009, issued by the Patent Office of the Russian Federation, in connection with Russian App. No. 2006101060 (11 pages)	

Examiner Signature	Date Considered
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Electronic Patent Application Fee Transmittal

Application Number:	11475847
Filing Date:	27-Jun-2006
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Filer:	Mark E. Nikolsky/Janelle Fava
Attorney Docket Number:	99879-00026

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				180

Electronic Acknowledgement Receipt

EFS ID:	6711802
Application Number:	11475847
International Application Number:	
Confirmation Number:	9001
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Customer Number:	27614
Filer:	Mark E. Nikolsky/Janelle Fava
Filer Authorized By:	Mark E. Nikolsky
Attorney Docket Number:	99879-00026
Receipt Date:	28-DEC-2009
Filing Date:	27-JUN-2006
Time Stamp:	13:53:45
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	98
Deposit Account	503571
Authorized User	

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	Transmittal.pdf	38145	no	1
			7c190afec0b7a8b9ff09095b2672284dda4f4e0f		
Warnings:					
Information:					
2	Transmittal Letter	IDSLetter.pdf	94518	no	2
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Warnings:					
Information:					
3	Information Disclosure Statement (IDS) Filed (SB/08)	IDS.pdf	144162	no	2
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Warnings:					
Information:					
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4	NPL Documents	Ref6.pdf	579415	no	14
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Warnings:					
Information:					
5	NPL Documents	Ref7.pdf	961114	no	11
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Warnings:					
Information:					
6	Fee Worksheet (PTO-875)	fee-info.pdf	29704	no	2
			0bf548a0cf381037e1b7d4267e9f6731982cc26		
Warnings:					
Information:					
Total Files Size (in bytes):			1847058		

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Customer No. 27614
Confirmation No. 9001

Re: Our file: 99879-00026
Applicant: Ira Marlowe
Serial No.: 11/475,847
Filed: 06/27/2006
For: Multimedia Device Integration System

Examiner: Kurr, Jason R.
Art Unit: 2614

Sir:

Enclosed for filing in the United States Patent and Trademark Office is the following:

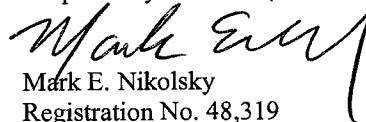
1. Transmittal of Information Disclosure Statement (2 pages)
2. Form PTO/SB/08A (1 page)
3. Form PTO/SB/08B (1 page)
4. Copies of References 6-7 from Form PTO/SB/08B
5. Transmittal Sheet (1 page)

CONDITIONAL PETITION

If any extension of time is required for the submission of the above-identified items, Applicant requests that this be considered a petition therefor. Please charge any additional charges or any other charges relating to this matter, or credit any overpayment, to the Deposit Account of the writer, **Account No. 503571**.

12/28/2009
Date

Respectfully submitted,



Mark E. Nikolsky
Registration No. 48,319
McCarter & English, LLP
Four Gateway Center
100 Mulberry Street
Newark, NJ 07102
Tel: (973) 639-6987
Fax: (973) 297-6624

CERTIFICATE OF ELECTRONIC FILING

I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office (via EFS-Web) on 12/28/09.



Janelle Fava

ME1 5864513v.1

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.
99879-00026

In Re Application Of: **Ira Marlowe**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
11/475,847	06/27/2006	Kurr, Jason R.	27614	2614	9001

Title: **Multimedia Device Integration System**

Address to:
**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- the statement specified in 37 CFR 1.97(e);
- OR**
- the fee set forth in 37 CFR 1.17(p).

P10A/REV06

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
99879-00026

In Re Application of: **Ira Marlowe**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
11/475,847	06/27/2006	Kurr, Jason R.	27614	2614	9001

Title: **Multimedia Device Integration System**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of _____ is attached.
- The Director is hereby authorized to charge and credit Deposit Account No. 503571 as described below.
- Charge the amount of **\$180.00**
 - Credit any overpayment.
 - Charge any additional fee required.
- Payment by credit card. Form PTO-2038 is attached.

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(Date)

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Typed or Printed Name of Person Signing Certificate

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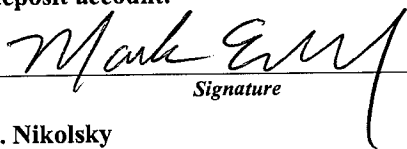
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(Date)

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by deposit account.



Signature

Dated: 12/28/2009

Mark E. Nikolsky
Registration No. 48,319
McCarter & English, LLP
Four Gateway Center
100 Mulberry Street
Newark, NJ 07102
Tel: (973) 639-6987
Fax: (973) 297-6624

CC:

P10A/REV06

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Substitute for form 1449/PTO <h3 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h3> <p style="text-align: center;"><i>(Use as many sheets as necessary)</i></p>				Complete if Known			
				Application Number	11/475,847		
				Filing Date	06/27/2006		
				First Named Inventor	Ira Marlowe		
				Art Unit	2614		
				Examiner Name	Kurr, Jason R.		
				Attorney Docket Number	99879-00026		
Sheet	1	of	1				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Copy of Official Action dated December 14, 2009, issued by the Canadian Patent Office in connection with Canadian Patent Application No. 2,538,053 (2 pages)	

Examiner Signature	Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Electronic Acknowledgement Receipt

EFS ID:	6809582
Application Number:	11475847
International Application Number:	
Confirmation Number:	9001
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Customer Number:	27614
Filer:	Mark E. Nikolsky/Janelle Fava
Filer Authorized By:	Mark E. Nikolsky
Attorney Docket Number:	99879-00026
Receipt Date:	14-JAN-2010
Filing Date:	27-JUN-2006
Time Stamp:	12:51:05
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	Transmittal.pdf	37253 <small>cd7f567584e47e5b2f00091b6b812df2a3ec5eae</small>	no	1

Warnings:

Information:

Petitioners

2	Transmittal Letter	IDSLtr.pdf	99942 0fcab8f1e44ec824994a4e5eb2363bd8e6c3aa50	no	2
Warnings:					
Information:					
3	Information Disclosure Statement (IDS) Filed (SB/08)	IDS.pdf	63805 e85ba8d2c0fa4666b107cc4ea2bf68fe2e59b86d	no	1
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
4	NPL Documents	Ref1.pdf	113526 87db49173d1afd8b3cec751f54904d6255f1aa51	no	2
Warnings:					
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Total Files Size (in bytes):			314526		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Customer No. 27614
Confirmation No. 9001

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Examiner: Kurr, Jason R.
Art Unit: 2614

Re: Our file: 99879-00026
Applicant: Ira Marlowe
Serial No.: 11/475,847
Filed: 06/27/2006
For: Multimedia Device Integration System

Sir:

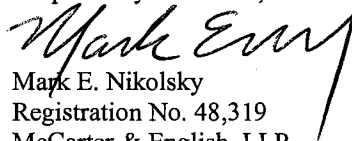
Enclosed for filing in the United States Patent and Trademark Office is the following:

1. Transmittal of Information Disclosure Statement (2 pages)
2. Form PTO/SB/08B (1 page)
3. Copy of Reference 1 from Form PTO/SB/08B
4. Transmittal Sheet (1 page)

CONDITIONAL PETITION

If any extension of time is required for the submission of the above-identified items, Applicant requests that this be considered a petition therefor. Please charge any additional charges or any other charges relating to this matter, or credit any overpayment, to the Deposit Account of the writer, **Account No. 503571**.

Respectfully submitted,



Mark E. Nikolsky
Registration No. 48,319
McCarter & English, LLP
Four Gateway Center
100 Mulberry Street
Newark, NJ 07102
Tel: (973) 639-6987
Fax: (973) 297-6624

11/4/10
Date

CERTIFICATE OF ELECTRONIC FILING

I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office (via EFS-Web) on 11/4/10


Janelle Fava

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.
99879-00026

In Re Application Of: **Ira Marlowe**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
11/475,847	06/27/2006	Kurr, Jason R.	27614	2614	9001

Title: **Multimedia Device Integration System**

Address to:
**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

the statement specified in 37 CFR 1.97(e);

OR

the fee set forth in 37 CFR 1.17(p).

P10A/REV06

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
99879-00026

In Re Application of: **Ira Marlowe**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
11/475,847	06/27/2006	Kurr, Jason R.	27614	2614	9001

Title: **Multimedia Device Integration System**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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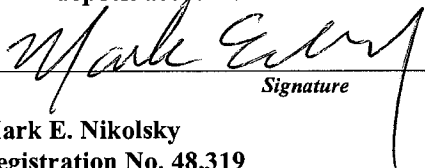
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Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Certificate

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Signature

Dated: 1/14/10

Mark E. Nikolsky
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P10A/REV06

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Substitute for form 1449/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	11/475,847
			Filing Date	06/27/2006
			First Named Inventor	Ira Marlowe
			Art Unit	2614
			Examiner Name	Kurr, Jason R.
			Attorney Docket Number	99879-00026
Sheet	1	of	1	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Copy of Official Action dated December 25, 2009, issued by the Chinese Patent Office in connection with Chinese Patent Application No. 200610059421.7, with English translation (14 pages)	

Examiner Signature	Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Electronic Acknowledgement Receipt

EFS ID:	6892822
Application Number:	11475847
International Application Number:	
Confirmation Number:	9001
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Customer Number:	27614
Filer:	Mark E. Nikolsky/Janelle Fava
Filer Authorized By:	Mark E. Nikolsky
Attorney Docket Number:	99879-00026
Receipt Date:	27-JAN-2010
Filing Date:	27-JUN-2006
Time Stamp:	16:07:18
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	Transmittal.pdf	38873 <small>7746be881c7dad92135c4aa251f0da1db7d dc67b</small>	no	1

Warnings:

Information:

Petitioners

2	Transmittal Letter	IDSLtr.pdf	99458 345746ac35ee804d231f85aeff57e51131e10bf2	no	2
Warnings:					
Information:					
3	NPL Documents	Ref1.pdf	818699 9ffc7352ef5492b96293d5a408a0923cabaf8921	no	14
Warnings:					
Information:					
4	Information Disclosure Statement (IDS) Filed (SB/08)	IDS.pdf	275165 31d8623f4d7d77b1ad66468213a346cc483b7ba5	no	1
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
Total Files Size (in bytes):			1232195		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Customer No. 27614
Confirmation No. 9001

Re: Our file: 99879-00026
Applicant: Ira Marlowe
Serial No.: 11/475,847
Filed: 06/27/2006
For: Multimedia Device Integration System

Examiner: Kurr, Jason R.
Art Unit: 2614

Sir:

Enclosed for filing in the United States Patent and Trademark Office is the following:

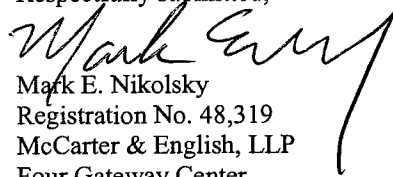
1. Transmittal of Information Disclosure Statement (2 pages)
2. Form PTO/SB/08B (1 page)
3. Copy of Reference 1 from Form PTO/SB/08B
4. Transmittal Sheet (1 page)

CONDITIONAL PETITION

If any extension of time is required for the submission of the above-identified items, Applicant requests that this be considered a petition therefor. Please charge any additional charges or any other charges relating to this matter, or credit any overpayment, to the Deposit Account of the writer, **Account No. 503571**.

1/27/2010
Date

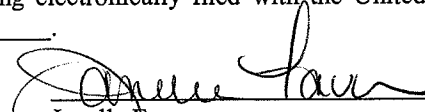
Respectfully submitted,



Mark E. Nikolsky
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CERTIFICATE OF ELECTRONIC FILING

I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office (via EFS-Web) on 1/27/2010.



Janelle Fava

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.
99879-00026

In Re Application Of: **Ira Marlowe**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
11/475,847	06/27/2006	Kurr, Jason R.	27614	2614	9001

Title: **Multimedia Device Integration System**

Address to:
**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- the statement specified in 37 CFR 1.97(e);
- OR**
- the fee set forth in 37 CFR 1.17(p).

P10A/REV06

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
99879-00026

In Re Application of: **Ira Marlowe**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
11/475,847	06/27/2006	Kurr, Jason R.	27614	2614	9001

Title: **Multimedia Device Integration System**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of _____ is attached.
- The Director is hereby authorized to charge and credit Deposit Account No. 503571 as described below.
 - Charge the amount of _____
 - Credit any overpayment.
 - Charge any additional fee required.
- Payment by credit card. Form PTO-2038 is attached.

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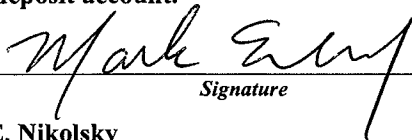
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(Date)

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Certificate

***This certificate may only be used if paying by deposit account.**


Signature

Dated: 1/27/2010

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P10A/REV06



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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
11/475,847 06/27/2006 Ira Marlowe 99879-00026 9001

27614 7590 03/05/2010
MCCARTER & ENGLISH, LLP NEWARK
FOUR GATEWAY CENTER
100 MULBERRY STREET
NEWARK, NJ 07102

EXAMINER

KURR, JASON RICHARD

Table with 2 columns: ART UNIT, PAPER NUMBER

2614

Table with 2 columns: MAIL DATE, DELIVERY MODE

03/05/2010

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No. 11/475,847	Applicant(s) MARLOWE, IRA
Examiner JASON R. KURR	Art Unit 2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 30 November 2009.
- 2a) This action is **FINAL**.
- 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 92-212 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 92-212 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>11/30/09 12/28/09 1/14/10 1/27/10</u> . | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

Claims 1-91 have been cancelled and will not be further considered by the Examiner.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 92-97, 102-121, 126-145, 150-169, 174-194 and 199-212 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-99 of U.S. Patent No. 7489786. Although the conflicting claims are not identical, they are not patentably distinct from each other because it is well known in the art that direct electrical communication lines may be replaced by wireless interfaces that achieve the same functions of communicating data. Such data may be of an audio or video nature so as to be transmitted between the portable device and the car stereo for

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concurrent reproduction and control. With respect to the positioning of the integration subsystem, the Examiner contends that the location of the subsystem is merely a design choice and thus the invention would operate in the same manner no matter the location of the subsystem, therefor it would have been obvious to mount the integration subsystem in either the portable device or the car AV system.

Claims 98-101, 122-125, 146-149, 170-173 and 195-198 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over U.S. 7489786 in view of Mella et al (US 7031477 B1).

With respect to the above claims, the present claims of U.S. 7489786 do not disclose expressly wherein the system further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

Mella discloses a voice-controlled system for providing audio content in an automobile (see Abstract). At the time of the invention it would have been obvious to a person of ordinary skill in the art to use voice recognition system of Mella in the invention of US 7489786. The motivation for doing so would have been to provide a hands-free approach to selecting audio files for reproduction. This would allow an operator of a vehicle to concentrate on driving rather than manually selecting audio files for reproduction.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 188-192 and 199-212 are rejected under 35 U.S.C. 102(e) as being anticipated by Thielen (US 2004/0117442 A1).

With respect to claim 188, Thielen discloses a multimedia device integration system, comprising: first and second wireless interfaces (fig.10 #30,40,100) establishing a wireless communication link between a car audio/video system (fig.10 #100) and a portable device (fig.3 #20) external to the car audio/video system; and an integration subsystem (fig.10 #52) in communication with said wireless communication link, wherein said integration subsystem channels audio generated by the portable device to the car audio/video system using the wireless communication link for subsequent playing of the audio on the car audio/video system, the audio corresponding to an audio file played by the portable device (pg.5 [0071]).

With respect to claim 189, Thielen discloses the system of claim 188, wherein said integration subsystem is positioned within the portable device (fig.10 #52).

With respect to claim 190, Thielen discloses the system of claim 188, wherein said integration subsystem is positioned within the car audio/video system (fig.10 #100).

With respect to claim 191, Thielen discloses the system of claim 188, where the audio file is stored on the portable device (pg.8 [0119]).

With respect to claim 192, Thielen discloses the system of claim 188, wherein the audio file is received by the portable device (pg.6 [0101]).

With respect to claim 199, Thielen discloses the system of claim 188, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device (pg.6 [0092]).

With respect to claim 200, Thielen discloses the system of claim 188, wherein the portable device comprises a portable receiver (fig.10 #40).

With respect to claim 201, Thielen discloses the system of claim 200, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver (pg.8 [0119]).

With respect to claim 202, Thielen discloses the system of claim 188, wherein the portable device comprises a portable digital media player (pg.5 [0071]).

With respect to claim 203, Thielen discloses the system of claim 202, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod (pg.5 [0071]).

With respect to claim 204, Thielen discloses the system of claim 188, wherein the portable device comprises a cellular telephone (pg.5 [0071]).

With respect to claim 205, Thielen discloses the system of claim 188, further comprising a non-wireless connection established between the car audio/video system and the portable device (fig.7).

With respect to claim 206, Thielen discloses the system of claim 188, wherein said integration subsystem channels video generated by the portable device to the car audio/video system over the wireless communication link for subsequent playing of the audio on the car audio/video system, the video corresponding to a video file played by the portable device (pg.11 [0149-0150]).

With respect to claim 207, Thielen discloses the system of claim 206, wherein the video file comprises a movie stored on the portable device (pg.11 [0150]).

With respect to claim 208, Thielen discloses the system of Claim 206, wherein the video file comprises a picture stored on the portable device (pg.11 [0150]).

With respect to claim 209, Thielen discloses the system of claim 206, wherein the video file comprises a video clip stored on the portable device (pg.11 [0150]).

With respect to claim 210, Thielen discloses the system of claim 206, wherein the video file comprises streaming video received by the portable device (pg.11 [0150]).

With respect to claim 211, Thielen discloses the system of claim 206, wherein the video file comprises a navigation map generated by the portable device (pg.11 [0150]).

With respect to claim 212, Thielen discloses the system of claim 206, wherein said integration subsystem receives video generated by the portable device in a first

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format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system (pg.11 [0150]).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 195-198 are rejected under 35 U.S.C. 103(a) as being unpatentable over Thielen (US 2004/0117442 A1) in view of Mella et al (US 7031477 B1).

With respect to claim 195, Thielen discloses the system of claim 188, however does not disclose expressly wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

Mella discloses a voice-controlled system for providing audio content in an automobile (see Abstract). At the time of the invention it would have been obvious to a person of ordinary skill in the art to use voice recognition system of Mella in the invention of Thielen. The motivation for doing so would have been to provide a hands-free approach to selecting audio files for reproduction. This would allow an operator of

a vehicle to concentrate on driving rather than manually selecting audio files for reproduction.

With respect to claim 196, Thielen discloses the system of claim 195, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem (Mella: col.2 ln.15-38).

With respect to claim 197, Thielen discloses the system of claim 188, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device (Mella: col.2 ln.15-38).

With respect to claim 198, Thielen discloses the system of claim 197, wherein said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system (Mella: col.2 ln.15-38).

Allowable Subject Matter

Claims 92-187 would be allowed upon the submission of a valid Terminal Disclaimer.

Claims 193 and 194 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims, and in view of the filing of a valid Terminal Disclaimer.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JASON R. KURR whose telephone number is (571)272-0552. The examiner can normally be reached on M-F 10:00am to 6:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivian Chin can be reached on (571) 273-7848. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2614

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jason R Kurr/
Examiner, Art Unit 2614

/Vivian Chin/
Supervisory Patent Examiner, Art Unit 2614

Notice of References Cited	Application/Control No. 11/475,847	Applicant(s)/Patent Under Reexamination MARLOWE, IRA	
	Examiner JASON R. KURR	Art Unit 2614	Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A US-2004/0117442	06-2004	Thielen, Kurt R.	709/203
*	B US-7,031,477	04-2006	Mella et al.	381/86
	C US-			
	D US-			
	E US-			
	F US-			
	G US-			
	H US-			
	I US-			
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NON-PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)				
	U				
	V				
	W				
	X				

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Search Notes



Application/Control No. 11/475,847	Applicant(s)/Patent under Reexamination MARLOWE, IRA	
Examiner JASON R. KURR	Art Unit 2614	

SEARCHED			
Class	Subclass	Date	Examiner
381	86	5/18/2009	JK
340	825.24	5/18/2009	JK
700	94	5/18/2009	JK
710	303	5/18/2009	JK
455	99	5/18/2009	JK

INTERFERENCE SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	DATE	EXMR
Inventor Search USC 101 Reviewed	5/18/2009	JK
Searched related apps 10/316961 11/805799 reviewed tagged docs	5/18/2009	JK
Searched: Portable devices interfacing with audio systems	2/9/2010	JK
Searched: Voice recognition in file selection	2/25/2010	JK

Index of Claims



Application/Control No.

11/475,847

Examiner

JASON R. KURR

Applicant(s)/Patent under Reexamination

MARLOWE, IRA

Art Unit

2614

√	Rejected
=	Allowed

—	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claim		Date			
Final	Original	8/4/08	5/18/09	2/27/10	
	1	+	√	-	
	2		√		
	3		√		
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Claim		Date			
Final	Original	8/4/08	5/18/09	2/27/10	
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Claim		Date			
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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S15	44	("20020009978" "20030026440" "20050021190" "20070149115" "20090017866" "20090018682" "3940743" "4047162" "4068104" "4091455" "4234919" "4562533" "4772079" "4817130" "4943978" "5339362" "5410675" "5794164" "6005488" "6052603" "6058319" "6157725" "6163079" "6163711" "6255961" "6278697" "6282464" "6295033" "6330337" "6346917" "6374177" "6389332" "6396164" "6539358" "6591085" "6629164" "6648661" "6653948" "6993615" "7062255" "7187947" "7324833" "7440772" "7486926").PN.	US-PGPUB; USPAT	OR	OFF	2010/01/28 12:55
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S17	18700	(car vehicle truck van) with audio	US-PGPUB; USPAT	OR	OFF	2010/02/09 13:16
S18	7341	S17 and wireless	US-PGPUB; USPAT	OR	OFF	2010/02/09 13:16
S19	4074	S18 and (portable)	US-PGPUB; USPAT	OR	OFF	2010/02/09 13:16
S20	3764	S19 and communicat\$3	US-PGPUB; USPAT	OR	OFF	2010/02/09 13:17
S21	2820	S20 and ((@ad @rlad) <="20060627")	US-PGPUB; USPAT	OR	OFF	2010/02/09 13:17
S22	2418	S21 and display	US-PGPUB; USPAT	OR	OFF	2010/02/09 13:18
S23	2077	S22 and interfac\$3	US-PGPUB; USPAT	OR	OFF	2010/02/09 13:18
S24	1654	S23 and video	US-PGPUB; USPAT	OR	OFF	2010/02/09 13:19
S25	1537	S20 and ((@ad @rlad) <="20021211")	US-PGPUB; USPAT	OR	OFF	2010/02/09 13:21
S26	915	S24 and ((@ad @rlad) <="20021211")	US-PGPUB; USPAT	OR	OFF	2010/02/09 13:21
S27	192	S26 and (portable with (player source))	US-PGPUB; USPAT	OR	OFF	2010/02/09 13:21
S28	68	S27 and ((car near (stereo radio))(head near unit))	US-PGPUB; USPAT	OR	OFF	2010/02/09 13:35
S29	20263	portable with player	US-PGPUB; USPAT	OR	OFF	2010/02/09 14:54
S30	12	S29 and (transmit\$3 communicat\$3) with (video) with (car near (stereo radio))	US-PGPUB; USPAT	OR	OFF	2010/02/09 14:56
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S34	11	(car near (stereo radio)) with movie	US-PGPUB; USPAT	OR	OFF	2010/02/09 15:55
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S38	1624	S37 and audio	US-PGPUB; USPAT	OR	OFF	2010/02/25 15:11
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S40	252	S39 and (car vehicle)	US-PGPUB; USPAT	OR	OFF	2010/02/25 15:11
S41	154	S40 and wireless\$3	US-PGPUB; USPAT	OR	OFF	2010/02/25 15:12
S42	418	marlow.in.	US-PGPUB; USPAT	OR	OFF	2010/02/25 15:14
S43	425	marlowe.in.	US-PGPUB; USPAT	OR	OFF	2010/02/25 15:14

S44	843	S42 S43	US-PGPUB; USPAT	OR	OFF	2010/02/25 15:14
S45	0	S44 and integrat3	US-PGPUB; USPAT	OR	OFF	2010/02/25 15:14
S46	105	S44 and integrat\$3	US-PGPUB; USPAT	OR	OFF	2010/02/25 15:15
S47	20	S46 and portable	US-PGPUB; USPAT	OR	OFF	2010/02/25 15:15
S48	6	("6032089" "6114970" "6163079" "6189057" "6236918" "6240347").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/25 15:17
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S50	14887	S49 and ((@ad @rlad) <="20021211")	US-PGPUB; USPAT	OR	OFF	2010/02/25 16:31
S51	62	S50 and (command with play)	US-PGPUB; USPAT	OR	OFF	2010/02/25 16:31
S52	0	S51 and vioce	US-PGPUB; USPAT	OR	OFF	2010/02/25 16:31
S53	46	S51 and voice	US-PGPUB; USPAT	OR	OFF	2010/02/25 16:31
S54	2	(voice with controlled with audio with (system device)).ti.	US-PGPUB; USPAT	OR	OFF	2010/02/25 16:40

2/ 27/ 2010 2:53:45 PM

C:\ Documents and Settings\ jkurr\ My Documents\ EAST\ Workspaces\ 11475847.wsp

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***(Use as many sheets as necessary)***Complete if Known**

Application Number	11/475,847
Filing Date	06/27/2006
First Named Inventor	Ira Marlowe
Art Unit	2614
Examiner Name	Kurr, Jason R.
Attorney Docket Number	99879-00026

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/JK/	1	US- 2005/0021190	01/27/2005	Worrell, et al.	
/JK/	2	US- 2007/0149115	06/28/2007	White, et al.	
/JK/	3	US- 2009/0017866	01/15/2009	White, et al.	
/JK/	4	US- 2009/0018682	01/15/2009	Fadell, et al.	
/JK/	5	US- 7,062,255	06/13/2006	Nakanaga	
/JK/	6	US- 7,187,947	03/06/2007	White, et al.	
/JK/	7	US- 7,324,833	01/29/2008	White, et al.	
/JK/	8	US- 7,440,772	10/21/2008	White, et al.	
/JK/	9	US- 7,486,926	02/03/2009	White, et al.	
/JK/	10	US- 6,163,711	12/19/2000	Juntunen, et al.	
/JK/	11	US- 6,255,961	07/03/2001	Van Ryzin, et al.	
/JK/	12	US- 6,282,464	08/28/2001	Obradovich	
		US-			
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner
Signature

/Jason Kurr/

Date
Considered

02/27/2010

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	11/475,847
		Filing Date	06/27/2006
		First Named Inventor	Ira Marlowe
		Art Unit	2614
		Examiner Name	Kurr, Jason R.
Sheet 2 of 2	Attorney Docket Number	99879-00026	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/JK/	13	Copy of Office Action dated November 25, 2009, from co-pending Application No. 10/732,909 (16 pages)	
/JK/	14	Copy of Office Action dated June 23, 2009, from co-pending Application No. 11/071,667 (9 pages)	
/JK/	15	Copy of Office Action dated March 18, 2009, from co-pending Application No. 11/805,799 (10 pages)	
/JK/	16	Copy of Substantive Examination Adverse Report mailed by the Malaysian Patent Office on March 13, 2009 in connection with Malaysian Patent Application No. PI 20060884 (5 pages)	
/JK/	17	Copy of Office Action with English translation, dated May 8, 2009, issued by the Chinese Patent Office in connection with Chinese Patent Application No. 200610059421.7 (12 pages)	
/JK/	18	Copy of Examiner's First Report dated March 30, 2009, issued by the Australian Patent Office in connection with Australian Patent Application No. 2003297898 (3 pages)	
/JK/	19	Copy of Supplementary European Search Report dated June 30, 2009, issued by the European Patent Office in connection with European Patent Application No. EP03796968 (5 pages)	
/JK/	20	Copy of Office Action mailed by the Japanese Patent Office on August 15, 2008 in connection with Japanese Patent Application No. JP2006-056718 (3 pages)	
/JK/	21	Copy of Office Action mailed by the Japanese Patent Office on March 27, 2009 in connection with Japanese Patent Application No. JP2006-056718 (2 pages)	

Examiner Signature	/Jason Kurr/	Date Considered	02/27/2010
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO <h2 style="text-align: center; margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; font-size: small;">(Use as many sheets as necessary)</p>	<h3 style="text-align: center; margin: 0;">Complete if Known</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Application Number</td> <td style="padding: 2px;">11/475,847</td> </tr> <tr> <td style="padding: 2px;">Filing Date</td> <td style="padding: 2px;">06/27/2006</td> </tr> <tr> <td style="padding: 2px;">First Named Inventor</td> <td style="padding: 2px;">Ira Marlowe</td> </tr> <tr> <td style="padding: 2px;">Art Unit</td> <td style="padding: 2px;">2614</td> </tr> <tr> <td style="padding: 2px;">Examiner Name</td> <td style="padding: 2px;">Kurr, Jason R.</td> </tr> <tr> <td style="padding: 2px;">Attorney Docket Number</td> <td style="padding: 2px;">99879-00026</td> </tr> </table>	Application Number	11/475,847	Filing Date	06/27/2006	First Named Inventor	Ira Marlowe	Art Unit	2614	Examiner Name	Kurr, Jason R.	Attorney Docket Number	99879-00026
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Sheet <u>1</u> of <u>2</u>													

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
/JK/	1	US-	6,889,064	05/03/2005	Baratono, et al.	
/JK/	2	US-	6,134,456	10/17/2000	Chen	
/JK/	3	US-	5,978,689	11/02/1999	Tuoriniemi, et al.	
/JK/	4	US-	2005/0282600	12/22/2005	Paradice, III	
/JK/	5	US-	2007/0230099	10/04/2007	Turner, et al.	
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Examiner Signature	/Jason Kurr/	Date Considered	02/27/2010
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		Application Number	11/475,847
		Filing Date	06/27/2006
		First Named Inventor	Ira Marlowe
		Art Unit	2614
		Examiner Name	Kurr, Jason R.
Sheet	2	of	2
		Attorney Docket Number	99879-00026

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/JK/	6	Copy of Office Action dated December 11, 2009, from co-pending Application No. 11/805,799 (14 pages)	
/JK/	7	Copy of Russian Official Action with translation, received on September 1, 2009, issued by the Patent Office of the Russian Federation, in connection with Russian App. No. 2006101060 (11 pages)	

Examiner Signature	/Jason Kurr/	Date Considered	02/27/2010
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	11/475,847
		Filing Date	06/27/2006
		First Named Inventor	Ira Marlowe
		Art Unit	2614
		Examiner Name	Kurr, Jason R.
Sheet	1	of	1
		Attorney Docket Number	99879-00026

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/JK/	1	Copy of Official Action dated December 14, 2009, issued by the Canadian Patent Office in connection with Canadian Patent Application No. 2,538,053 (2 pages)	

Examiner Signature	/Jason Kurr/	Date Considered	02/27/2010
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.
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Substitute for form 1449/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;"><i>(Use as many sheets as necessary)</i></p>		Complete if Known	
		Application Number	11/475,847
		Filing Date	06/27/2006
		First Named Inventor	Ira Marlowe
		Art Unit	2614
		Examiner Name	Kurr, Jason R.
Sheet	1	of	1
		Attorney Docket Number	99879-00026

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/JK/	1	Copy of Official Action dated December 25, 2009, issued by the Chinese Patent Office in connection with Chinese Patent Application No. 200610059421.7, with English translation (14 pages)	

Examiner Signature	/Jason Kurr/	Date Considered	02/27/2010
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 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Index of Claims (continued)



Application/Control No.

11/475,847

Examiner

JASON R. KURR

Applicant(s)/Patent under Reexamination

MARLOWE, IRA

Art Unit

2614

√	Rejected
=	Allowed

—	(Through numeral) Cancelled
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N	Non-Elected
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A	Appeal
O	Objected

Claim		Date									
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Request for Continued Examination (RCE) Transmittal

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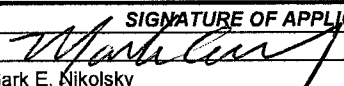
Application Number	11/475,847
Filing Date	06/27/2006
First Named Inventor	Ira Marlowe
Art Unit	2614
Examiner Name	Kurr, Jason R.
Attorney Docket Number	99879-00026

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. **Submission required under 37 CFR 1.114** Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).
- a. Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.
- i. Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ii. Other _____
- b. Enclosed
- i. Amendment/Reply
- ii. Affidavit(s)/ Declaration(s)
- iii. Information Disclosure Statement (IDS)
- iv. Other Terminal Disclaimer
2. **Miscellaneous**
- a. Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)
- b. Other _____
3. **Fees** The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.
The Director is hereby authorized to charge the following fees, any underpayment of fees, or credit any overpayments, to
- a. Deposit Account No. 503571
- i. RCE fee required under 37 CFR 1.17(e)
- ii. Extension of time fee (37 CFR 1.136 and 1.17)
- iii. Other Terminal Disclaimer
- b. Check in the amount of \$ _____ enclosed
- c. Payment by credit card (Form PTO-2038 enclosed)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Signature		Date	April 30, 2010
Name (Print/Type)	Mark E. Nikolsky	Registration No.	48,319

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

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Name (Print/Type)			

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ira Marlowe

Serial No.: 11/475,847

Filed: 06/27/2006

Title: Multimedia Device Integration System

Examiner: Kurr, Jason R.

Art Unit: 2614

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE

Sir:

This is a response to the outstanding final Office Action mailed March 5, 2010. The time period for response extends to and includes June 5, 2010.

Amendments to the Claims begin on page 2 of this response.

Remarks begin on page 30 of this response.

AMENDMENTS TO THE CLAIMS

1-91. (Cancelled)

92. (Previously Presented) A multimedia device integration system, comprising:

an integration subsystem in communication with a portable device, the portable device external to a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with the car audio/video system,

wherein said integration subsystem obtains information about an audio file stored on the portable device, transmits the information over said wireless communication link to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and transmits audio generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

93. (Previously Presented) The system of claim 92, wherein said integration subsystem is positioned within the portable device.

94. (Previously Presented) The system of claim 93, wherein said first wireless interface is positioned within the portable device.

95. (Previously Presented) The system of claim 94, wherein said second wireless interface is positioned within the car audio/video system.

96. (Previously Presented) The system of claim 91, wherein said integration subsystem receives, over said wireless communication link, a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

97. (Previously Presented) The system of claim 92, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system over the wireless communication link for subsequent display of the processed data on a display of the car audio/video system.

98. (Previously Presented) The system of claim 92, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

99. (Previously Presented) The system of claim 98, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

100. (Previously Presented) The system of claim 92, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

101. (Previously Presented) The system of claim 100, wherein said integration subsystem transmits the synthesized speech to the car audio/video system over said wireless communication link for subsequent playing of the synthesized speech by the car audio/video system.

102. (Previously Presented) The system of claim 92, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video

system over said wireless communications link to maintain the car audio/video system in a state responsive to the portable device.

103. (Previously Presented) The system of claim 92, wherein the portable device comprises a portable receiver.

104. (Previously Presented) The system of claim 103, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

105. (Previously Presented) The system of claim 92, wherein the portable device comprises a portable digital media player.

106. (Previously Presented) The system of claim 105, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

107. (Previously Presented) The system of claim 92, wherein the portable device comprises a cellular telephone.

108. (Previously Presented) The system of claim 92, further comprising a non-wireless connection established between the car audio/video system and the portable device.

109. (Previously Presented) The system of claim 92, wherein said integration subsystem transmits, over said wireless communication link, information about a video file stored on the portable device to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and transmits video generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

110. (Previously Presented) The system of claim 109, wherein the video file comprises a movie stored on the portable device.

111. (Previously Presented) The system of Claim 109, wherein the video file comprises a picture stored on the portable device.

112. (Previously Presented) The system of claim 109, wherein the video file comprises a video clip stored on the portable device.

113. (Previously Presented) The system of claim 109, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video over the wireless communication link to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

114. (Previously Presented) The system of claim 92, wherein the audio file comprises a song stored on the portable device.

115. (Previously Presented) The system of claim 92, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser.

116. (Previously Presented) A multimedia device integration system, comprising:

an integration subsystem in communication with a portable device, the portable device external to a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with the car audio/video system,

wherein said integration subsystem obtains information about an audio file received by the portable device, transmits the information over said wireless communication link to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and transmits audio generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

117. (Previously Presented) The system of claim 116, wherein said integration subsystem is positioned within the portable device.

118. (Previously Presented) The system of claim 117, wherein said first wireless interface is positioned within the portable device.

119. (Previously Presented) The system of claim 118, wherein said second wireless interface is positioned within the car audio/video system.

120. (Previously Presented) The system of claim 116, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

121. (Previously Presented) The system of claim 116, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system over the wireless communication link for subsequent display of the processed data on a display of the car audio/video system.

122. (Previously Presented) The system of claim 116, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

123. (Previously Presented) The system of claim 122, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

124. (Previously Presented) The system of claim 116, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

125. (Previously Presented) The system of claim 124, wherein said integration subsystem transmits the synthesized speech to the car audio/video system over said wireless communication link for subsequent playing of the synthesized speech by the car audio/video system.

126. (Previously Presented) The system of claim 116, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system over said wireless communications link to maintain the car audio/video system in a state responsive to the portable device.

127. (Previously Presented) The system of claim 116, wherein the portable device comprises a portable receiver.

128. (Previously Presented) The system of claim 127, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

129. (Previously Presented) The system of claim 116, wherein the portable device comprises a portable digital media player.

130. (Previously Presented) The system of claim 129, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

131. (Previously Presented) The system of claim 116, wherein the portable device comprises a cellular telephone.

132. (Previously Presented) The system of claim 116, further comprising a non-wireless connection established between the car audio/video system and the portable device.

133. (Previously Presented) The system of claim 116, wherein said integration subsystem transmits, over said wireless communication link, information about a video file received by the portable device to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and transmits video generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

134. (Previously Presented) The system of claim 133, wherein the video file comprises a streaming movie received by the portable device.

135. (Previously Presented) The system of Claim 133, wherein the video file comprises a picture received by the portable device.

136. (Previously Presented) The system of claim 133, wherein the video file comprises a streaming video clip received by the portable device.

137. (Previously Presented) The system of claim 116, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video over the wireless communication link to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

138. (Previously Presented) The system of claim 116, wherein the audio file comprises a song received by the portable device.

139. (Previously Presented) The system of claim 116, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser.

140. (Previously Presented) A multimedia device integration system, comprising:

an integration subsystem in communication with a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with a portable device external to the car audio/video system,

wherein said integration subsystem obtains, using said wireless communication link, information about an audio file stored on the portable device, transmits the information to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and receives audio generated by the portable device over said wireless communication link for playing on the car audio/video system.

141. (Previously Presented) The system of claim 140, wherein said integration subsystem is positioned within the car audio/video system.

142. (Previously Presented) The system of claim 141, wherein said first wireless interface is positioned within the car audio/video system.

143. (Previously Presented) The system of claim 142, wherein said second wireless interface is positioned within the portable device.

144. (Previously Presented) The system of claim 140, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

145. (Previously Presented) The system of claim 140, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system.

146. (Previously Presented) The system of claim 140, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

147. (Previously Presented) The system of claim 150, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

148. (Previously Presented) The system of claim 140, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

149. (Previously Presented) The system of claim 148, wherein said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system.

150. (Previously Presented) The system of claim 140, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device.

151. (Previously Presented) The system of claim 140, wherein the portable device comprises a portable receiver.

152. (Previously Presented) The system of claim 151, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

153. (Previously Presented) The system of claim 140, wherein the portable device comprises a portable digital media player.

154. (Previously Presented) The system of claim 153, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

155. (Previously Presented) The system of claim 140, wherein the portable device comprises a cellular telephone.

156. (Previously Presented) The system of claim 140, further comprising a non-wireless connection established between the car audio/video system and the portable device.

157. (Previously Presented) The system of claim 140, wherein said integration subsystem obtains, using said wireless communication link, information about a video file stored on the portable device for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and receives video generated by the portable device over said wireless communication link for playing on the car audio/video system.

158. (Previously Presented) The system of claim 157, wherein the video file comprises a movie stored on the portable device.

159. (Previously Presented) The system of Claim 157, wherein the video file comprises a picture stored on the portable device.

160. (Previously Presented) The system of claim 157, wherein the video file comprises a video clip stored on the portable device.

161. (Previously Presented) The system of claim 157, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible

with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

162. (Previously Presented) The system of claim 140, wherein the audio file comprises a song stored on the portable device.

163. (Previously Presented) The system of claim 140, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser.

164. (Previously Presented) A multimedia device integration system, comprising:

an integration subsystem in communication with a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with a portable device external to the car audio/video system,

wherein said integration subsystem obtains, using said wireless communication link, information about an audio file received by the portable device, transmits the information to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and receives audio generated by the portable device over said wireless communication link for playing on the car audio/video system.

165. (Previously Presented) The system of claim 164, wherein said integration subsystem is positioned within the car audio/video system.

166. (Previously Presented) The system of claim 165, wherein said first wireless interface is positioned within the car audio/video system.

167. (Previously Presented) The system of claim 166, wherein said second wireless interface is positioned within the portable device.

168. (Previously Presented) The system of claim 164, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted

command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

169. (Previously Presented) The system of claim 164, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system.

170. (Previously Presented) The system of claim 164, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

171. (Previously Presented) The system of claim 170, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

172. (Previously Presented) The system of claim 164, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

173. (Previously Presented) The system of claim 172, wherein said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system.

174. (Previously Presented) The system of claim 164, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device.

175. (Previously Presented) The system of claim 164, wherein the portable device comprises a portable receiver.

176. (Previously Presented) The system of claim 175, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

177. (Previously Presented) The system of claim 164, wherein the portable device comprises a portable digital media player.

178. (Previously Presented) The system of claim 177, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

179. (Previously Presented) The system of claim 164, wherein the portable device comprises a cellular telephone.

180. (Previously Presented) The system of claim 164, further comprising a non-wireless connection established between the car audio/video system and the portable device.

181. (Previously Presented) The system of claim 164, wherein said integration subsystem obtains, over said wireless communication link, information about a video file received by the portable device for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and receives video generated by the portable device over said wireless communication link for playing on the car audio/video system.

182. (Previously Presented) The system of claim 180, wherein the video file comprises a streaming movie received by the portable device.

183. (Previously Presented) The system of Claim 180, wherein the video file comprises a picture received by the portable device.

184. (Previously Presented) The system of claim 180, wherein the video file comprises a streaming video clip received by the portable device.

185. (Previously Presented) The system of claim 180, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

186. (Previously Presented) The system of claim 164, wherein the audio file comprises a song stored on the portable device.

187. (Previously Presented) The system of claim 164, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser.

188. (Currently Amended) A multimedia device integration system, comprising:

first and second wireless interfaces establishing a wireless communication link between a car audio/video system and a portable device external to the car audio/video system; and

an integration subsystem in communication with said wireless communication link,

wherein said integration subsystem channels audio generated by the portable device to the car audio/video system using the wireless communication link for subsequent playing of the audio on the car audio/video system, the audio corresponding to an audio file played by the portable ~~device.~~ device, and

wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

189. (Previously Presented) The system of claim 188, wherein said integration subsystem is positioned within the portable device.

190. (Previously Presented) The system of claim 188, wherein said integration subsystem is positioned within the car audio/video system.

191. (Previously Presented) The system of claim 188, where the audio file is stored on the portable device.

192. (Previously Presented) The system of claim 188, wherein the audio file is received by the portable device.

193. (Cancelled)

194. (Cancelled)

195. (Previously Presented) The system of claim 188, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

196. (Previously Presented) The system of claim 195, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

197. (Previously Presented) The system of claim 188, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

198. (Previously Presented) The system of claim 197, wherein said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system.

199. (Previously Presented) The system of claim 188, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device.

200. (Previously Presented) The system of claim 188, wherein the portable device comprises a portable receiver.

201. (Previously Presented) The system of claim 200, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

202. (Previously Presented) The system of claim 188, wherein the portable device comprises a portable digital media player.

203. (Previously Presented) The system of claim 202, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

204. (Previously Presented) The system of claim 188, wherein the portable device comprises a cellular telephone.

205. (Previously Presented) The system of claim 188, further comprising a non-wireless connection established between the car audio/video system and the portable device.

206. (Previously Presented) The system of claim 188, wherein said integration subsystem channels video generated by the portable device to the car audio/video system over the wireless communication link for subsequent playing of the audio on the car audio/video system, the video corresponding to a video file played by the portable device.

207. (Previously Presented) The system of claim 206, wherein the video file comprises a movie stored on the portable device.

208. (Previously Presented) The system of Claim 206, wherein the video file comprises a picture stored on the portable device.

209. (Previously Presented) The system of claim 206, wherein the video file comprises a video clip stored on the portable device.

210. (Previously Presented) The system of claim 206, wherein the video file comprises streaming video received by the portable device.

211. (Previously Presented) The system of claim 206, wherein the video file comprises a navigation map generated by the portable device.

212. (Previously Presented) The system of claim 206, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

213. (New) A multimedia device integration system, comprising:

first and second wireless interfaces establishing a wireless communication link between a car audio/video system and a portable device external to the car audio/video system; and

an integration subsystem in communication with said wireless communication link,

wherein said integration subsystem channels audio generated by the portable device to the car audio/video system using the wireless communication link for subsequent playing of the audio on the car audio/video system, the audio corresponding to an audio file played by the portable device, and

wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system.

REMARKS

Attorney for Applicant has carefully reviewed the outstanding final Office Action on the above-identified application. Applicant has amended the application, as set forth herein, and respectfully submits that the application, as amended, is in condition for allowance. A Request for Continued Examination (RCE) is being filed on even date herewith.

The Office Action indicates that claims 92-187 would be allowed upon the submission of a Terminal Disclaimer. To expedite issuance of a patent, an executed Terminal Disclaimer over Applicant's issued U.S. Patent No. 7,489,786 is being filed herewith.

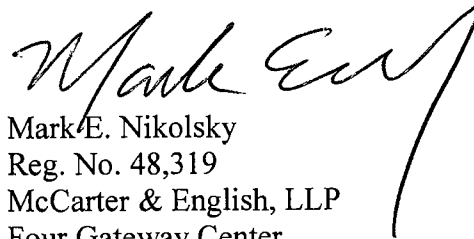
The Office Action also indicates that claims 193-194 (which depend from claim 188) would be allowable if rewritten in independent form. To expedite issuance of a patent, Applicant has amended independent claim 188 to include the limitations of allowable claim 193, and has cancelled claim 193. Applicant has also added new claim 213, which includes the combined limitations of claim 188 and allowable claim 194. By the foregoing amendments, and by submission of the aforementioned Terminal Disclaimer, Applicant respectfully submits that all of the pending claims are in condition for allowance.

Applicant makes the foregoing amendments to expedite issuance of a patent. Applicant makes no representation as to the merits of the rejections raised in the Office Action, and expressly disagrees with same. Applicant preserves the right to file on or more continuing applications claiming the priority of this application, in order to present claims directed to the subject matter of the rejected claims, and/or broader claims.

All issues raised in the Office Action appear to have been addressed. Claim 188 was amended, claims 193-194 were canceled, and claim 213 was added. Claims 92-192 and 195-213 are pending and are in condition for allowance. Examination is requested and favorable action solicited.

Date: 4/30/2010

Respectfully submitted,



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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TERMINAL DISCLAIMER TO OBTAIN A DOUBLE PATENTING
REJECTION OVER A "PRIOR" PATENT**

Docket Number (Optional)
99879-00026

In re Application of: Ira Marlowe
Application No.: 11/475,847
Filed: 06/27/2006
For: Multimedia Device Integration System

The owner*, Ira Marlowe, of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term prior patent No. 7,489,786 as the term of said prior patent is defined in 35 U.S.C. 154 and 173, and as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:

- expires for failure to pay a maintenance fee;
- is held unenforceable;
- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
- is reissued; or
- is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

Check either box 1 or 2 below, if appropriate.

1. For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fines or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2. The undersigned is an attorney or agent of record. Reg. No. _____



Signature

Date
April 30, 2010

Ira Marlowe
Typed or printed name

201-569-5000
Telephone Number

- Terminal disclaimer fee under 37 CFR 1.20(d) included.

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*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1450.

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COMBINED AMENDMENT & PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a) (Small Entity)

Docket No.
99879-00026

In Re Application Of: **Ira Marlowe**

Application No. 11/475,847	Filing Date 06/27/2006	Examiner Kurr, Jason R.	Customer No. 27614	Group Art Unit 2614	Confirmation No. 9001
--------------------------------------	----------------------------------	-----------------------------------	------------------------------	-------------------------------	---------------------------------

Invention: **Multimedia Device Integration System**

COMMISSIONER FOR PATENTS:

This is a combined amendment and petition under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the Office Action of _____ in the above-identified application.
Date

The requested extension is as follows (check time period desired):

- One month Two months Three months Four months Five months

from: _____ until: _____
Date *Date*

Applicant claims small entity status. See 37 CFR 1.27.

The fee for the amendment and extension of time has been calculated as shown below:

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	121 -	122 =	0	x \$26.00	\$0.00
INDEP. CLAIMS	6 -	5 =	1	x \$110.00	\$110.00
FEE FOR AMENDMENT					\$110.00
FEE FOR EXTENSION OF TIME					\$0.00
TOTAL FEE FOR AMENDMENT AND EXTENSION OF TIME					\$110.00


**COMBINED AMENDMENT & PETITION FOR EXTENSION OF
TIME UNDER 37 CFR 1.136(a) (Small Entity)**

Docket No.
99879-00026

The fee for the amendment and extension of time is to be paid as follows:

- A check in the amount of _____ for the amendment and extension of time is enclosed.
- Please charge Deposit Account No. **503571** in the amount of **\$110.00**
- The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. **503571**
- Any additional filing fees required under 37 C.F.R. 1.16.
- Any patent application processing fees under 37 CFR 1.17.
- If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. **503571**
- Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.


Signature

Mark E. Nikolsky
Reg. No. 48,319
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Fax: (973) 297-6624

CC:

Dated: April 30, 2010

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

(Date)

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

Electronic Patent Application Fee Transmittal

Application Number:	11475847
Filing Date:	27-Jun-2006
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Filer:	Mark E. Nikolsky/Diane Bodzioch
Attorney Docket Number:	99879-00026

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Independent claims in excess of 3	2201	1	110	110

Miscellaneous-Filing:

Petition:

Patent-Appeals-and-Interference:

Post-Allowance-and-Post-Issuance:

Extension-of-Time:

Petitioners

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Request for continued examination	2801	1	405	405
Statutory disclaimer	2814	1	70	70
Total in USD (\$)				585

Electronic Acknowledgement Receipt

EFS ID:	7528208
Application Number:	11475847
International Application Number:	
Confirmation Number:	9001
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Customer Number:	27614
Filer:	Mark E. Nikolsky/Diane Bodzioch
Filer Authorized By:	Mark E. Nikolsky
Attorney Docket Number:	99879-00026
Receipt Date:	30-APR-2010
Filing Date:	27-JUN-2006
Time Stamp:	16:21:45
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$585
RAM confirmation Number	3152
Deposit Account	503571
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Petitioners

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	transmittal_001.pdf	37621	no	1
			c206e07a4ce60e717963801040090c10f89e ff8b		
Warnings:					
Information:					
2	Request for Continued Examination (RCE)	RCE_001.pdf	77745	no	1
			4ac0f03218a3e618becdeeb05278d6452 106e4		
Warnings:					
This is not a USPTO supplied RCE SB30 form.					
Information:					
3	Applicant Arguments/Remarks Made in an Amendment	Response_001.pdf	873852	no	31
			9a02e9f495eca710a8bf1ab9ef2e9cfa63afd d05		
Warnings:					
Information:					
4	Terminal Disclaimer Filed	terminaldisclaimer_001.pdf	90325	no	1
			710ed386a2f71fb319b2227107d0b9d6819 38e7c		
Warnings:					
Information:					
5	New or Additional Drawings	combinedamendment_001.pdf	75890	no	2
			d26f0f308fd89febb8459bfd96034b41adce a24		
Warnings:					
Information:					
6	Fee Worksheet (PTO-875)	fee-info.pdf	33290	no	2
			25d10189e5b81c9bb59de4c0f5145390e22 8e1c2		
Warnings:					
Information:					
Total Files Size (in bytes):			1188723		

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Customer No. 27614
Confirmation No. 9001

Re: Our file: 99879-00026
Applicant: Ira Marlowe
Serial No.: 11/475,847
Filed: 06/27/2006
For: Multimedia Device Integration System

Examiner: Kurr, Jason R.
Art Unit: 2614

Sir:

Enclosed for filing in the United States Patent and Trademark Office is the following:

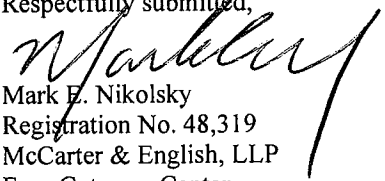
1. Response to Office Action (31 pages)
2. Request for Continued Examination Transmittal (1 page)
3. Terminal Disclaimer to Obviate a Double Patenting Rejection Over a "Prior" Patent (1 page)
4. Combined Amendment & Petition for Extension of Time Under 37 CFR 1.136(a) (2 pages)
5. Transmittal Sheet (1 page)

CONDITIONAL PETITION

If any extension of time is required for the submission of the above-identified items, Applicant requests that this be considered a petition therefor. Please charge any additional charges or any other charges relating to this matter, or credit any overpayment, to the Deposit Account of the writer, **Account No. 503571**.

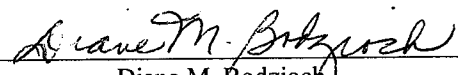
4/30/2010
Date

Respectfully submitted,


Mark E. Nikolsky
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Fax: (973) 297-6624

CERTIFICATE OF ELECTRONIC FILING

I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office (via EFS-Web) on April 30, 2010.


Diane M. Bodzioch

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/475,847	Filing Date 06/27/2006	<input type="checkbox"/> To be Mailed
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APPLICATION AS FILED – PART I			OTHER THAN SMALL ENTITY				
	(Column 1)	(Column 2)	SMALL ENTITY <input checked="" type="checkbox"/>	OR			
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A			N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	N/A	N/A			N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A			N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>	minus 20 =	*	X \$ =		OR	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =			X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II					OTHER THAN SMALL ENTITY				
	(Column 1)	(Column 2)	(Column 3)		SMALL ENTITY	OR			
AMENDMENT	04/30/2010	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	* 91	Minus	** 121 = 0	X \$26 =	0		X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	* 7	Minus	***5 = 2	X \$110 =	220		X \$ =	
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>								
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
					TOTAL ADD'L FEE	220	OR	TOTAL ADD'L FEE	

	(Column 1)	(Column 2)	(Column 3)		SMALL ENTITY	OR			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	*	Minus	** =	X \$ =			X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus	*** =	X \$ =			X \$ =	
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>								
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
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Legal Instrument Examiner:
 /TARA J. WITCHER/

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/475,847	Filing Date 06/27/2006	<input type="checkbox"/> To be Mailed
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APPLICATION AS FILED – PART I			OTHER THAN SMALL ENTITY			
	(Column 1)	(Column 2)	SMALL ENTITY <input checked="" type="checkbox"/>	OR		
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A		N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	N/A	N/A		N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A		N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>	minus 20 =	*	X \$ =		X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =		X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).					
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>						
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL		TOTAL	

APPLICATION AS AMENDED – PART II					OTHER THAN SMALL ENTITY			
	(Column 1)	(Column 2)	(Column 3)		SMALL ENTITY	OR		
AMENDMENT	04/30/2010	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	* 91	Minus ** 121	= 0	X \$26 =	0	OR	X \$ =
	Independent <small>(37 CFR 1.16(h))</small>	* 7	Minus ***5	= 2	X \$110 =	220	OR	X \$ =
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>						OR	
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR	
					TOTAL ADD'L FEE	220	OR	TOTAL ADD'L FEE

APPLICATION AS AMENDED – PART II					OTHER THAN SMALL ENTITY			
	(Column 1)	(Column 2)	(Column 3)		SMALL ENTITY	OR		
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	*	Minus **	=	X \$ =		OR	X \$ =
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus ***	=	X \$ =		OR	X \$ =
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>						OR	
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR	
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	11/475,847
		Filing Date	06/27/2006
		First Named Inventor	Ira Marlowe
		Art Unit	2614
		Examiner Name	Kurr, Jason R.
Sheet 2	of 2	Attorney Docket Number	99879-00026

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	3	Copy of Official Action dated July 16, 2009, issued by the Mexican Institute of Industrial Property in connection with Mexican Patent Application No. PA/a/2006/002421, with an English translation (5 pages)	
	4	Copy of Official Action dated March 19, 2010, issued by the Mexican Institute of Industrial Property in connection with Mexican Patent Application No. PA/a/2006/002421, with an English translation (4 pages)	
	5	Copy of Office Action dated March 18, 2010, from co-pending Application No. 11/071,667 (13 pages)	

Examiner Signature	Date Considered
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Device and method for connecting computer signal and power

Publication number: CN1474252 (A)

Also published as:

Publication date: 2004-02-11

 CN1315021 (C)

Inventor(s): WANG ZHENZHONG [CN] +

Applicant(s): LENOVO BEIJING CO LTD [CN] +

Classification:

- international: G06F3/00; G06F3/00; (IPC1-7): G06F3/00

- European:

Application number: CN20031009299 2003040 9

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Abstract of CN 1474252 (A)

The present invention relates to the device and method for connecting computer signal and power to flexible standard internal or external computer equipment. The device includes a complex interface unit inside computer coupled with computer power supply and the data interface unit of mainboard for data exchange; and an interface converting unit coupled to the complex interface unit for obtaining power supply and data exchange with computer. The interface converting unit includes converter, separated power supply interface and signal interface, and the converter transmits the power supply and computer data from the complex interface unit to the power supply interface and the signal interface separately; and the power supply interface and the signal interface is suitable for connecting to the standard computer equipment interface.; The present invention makes the internal or external computer equipment portable or movable.

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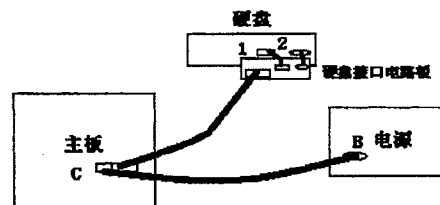
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权利要求书3页 说明书9页 附图3页

[54] 发明名称 连接计算机信号与电源的装置和方法

[57] 摘要

本发明提供了一种连接计算机信号与电源到一个有一定灵活性的标准的计算机内部或外部设备的装置，该装置包括：位于计算机中的复合接口装置，该复合接口装置耦合到计算机电源，该复合接口装置还耦合到主板的数据接口装置，以与计算机主板交换数据；接口转换装置，耦合到该复合接口装置，以获取电源和与计算机进行数据交换；其中，该接口转换装置还包括转换装置和分立的电源接口与信号接口，该转换装置将该复合接口装置中的电源和计算机数据分别转发到电源接口和信号接口；该电源接口和信号接口适于与该标准的计算机设备的标准接口连接。本发明保证了标准的计算机内部或外部设备在使用时可以进行便携或移动性的需求，方便了用户。



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1、一种连接计算机信号与电源的装置，所述装置连接计算机电源与信号到一个有一定灵活性的标准的计算机内部或外部设备，所述装置包括：

5 位于计算机中的复合接口装置，所述复合接口装置耦合到计算机电源，所述复合接口装置还耦合到主板的数据接口装置，以与计算机主板交换数据；

接口转换装置，耦合到所述复合接口装置，以获取电源和与计算机进行数据交换；

10 其中，所述接口转换装置还包括转换装置和分立的电源接口与信号接口，所述转换装置将所述复合接口装置中的电源和计算机数据分别转发到电源接口和信号接口；所述电源接口和信号接口适于与所述标准的计算机设备的标准接口连接。

15 2、如权利要求1所述的装置，其中，所述复合接口装置位于计算机主板上，通过计算机主板上的信号交换装置与计算机进行数据交换。

3、如权利要求2所述的装置，其中，所述信号交换装置包括：

南桥芯片；

20 Serial ATA的控制芯片，耦合到所述南桥芯片，以便所述计算机通过南桥芯片将相关指令输出到所述控制芯片；

滤波装置，用于滤波Serial ATA的控制芯片解码的所述相关指令，然后通过所述信号交换装置与所述标准的计算机内部或外部设备交换。

4、如权利要求1或2所述的装置，其中，所述复合接口装置和接口转换装置还包括防止接口装置中的插头反插的装置。

5、如权利要求4所述的装置，其中，所述防止接口装置中的插头反插的装置为插头定位装置。

6、如权利要求5所述的装置，其中，所述插头定位装置包括插头上的凸起或凹槽或插脚形状的不同或插头外形的不同。

5 7、如权利要求4所述的装置，其中，所述防止接口装置中的插头反插的装置包括根据预定各针的排列设定不同信号和电源对应的具体插脚，所述排列满足反插时，不会损害所述计算机或所述标准的计算机内部或外部设备。

8、如权利要求7所述的装置，其中，所述插头为12针双排插头，所述插头
10 的各插脚的定义为：从针脚1到12每脚的定义分别为直流正12V (+12V)、地 (GND)、地 (GND)、直流正5V (+5V)、地 (GND)、地 (GND)、差分传输正信号 (TxP+)、差分传输负信号 (TxN-)、差分接收正信号 (RxP+)、差分接收负信号 (RxN-)、地 (GND)、空 (CUT)；所述接口转换装置中的电源接口与信号接口分别为4针双排插头与8针双排插头，4针
15 双排插头各插脚的定义为：从针脚1到4每脚的定义分别为直流正12V (+12V)、地 (GND)、地 (GND)、直流正5V (+5V)；8针双排插头各插脚的定义为：从针脚1到8每脚的定义分别为地 (GND)、差分传输正信号 (TxP+)、差分接收正信号 (RxP+)、地 (GND)、差分传输负信号 (TxN-)、差分接收负信号 (RxN-)、空 (CUT)。

20 9、如权利要求1所述的装置，其中，所述复合接口装置包括，型号为Si13112芯片，与由晶体及RC网络构成的滤波网络，用于实现所述计算机与所述标准的计算机内部或外部设备数据的滤波与交换。

10、一种连接计算机信号与电源的方法，所述方法实现连接计算机
25 电源与信号到一个有一定灵活性的标准的计算机内部或外部设备，所述方法包括：

连接所述计算机电源和计算机主板的预定数据和/或程序到位于计算机中的包括电源接口和数据信号接口的复合接口装置;

连接所述复合接口装置到所述计算机内部或外部设备, 以向所述设备提供电源和进行数据交换;

- 5 其中, 所述连接所述复合接口装置到所述计算机内部或外部设备的步骤包括: 连接所述复合接口装置到位于或邻近于所述设备的接口转换装置, 转换所述复合接口装置为到所述设备电源接口的电源信号与到所述信号接口的数据与程序信号。

- 11、如权利要求10所述的方法, 其中, 所述复合接口装置位于所述计算机主板上; 所述连接所述复合接口装置到所述计算机内部或外部设备的
10 步骤还包括: 建立插头定位装置, 以防止接口装置中的插头反插的装置。

连接计算机信号与电源的装置和方法

5 技术领域

本发明涉及计算机应用领域，具体涉及一种连接计算机信号与电源的装置和方法，它支持移动式Serial ATA（串行ATA）即插即用设备。

发明背景

10 随着信息产业的飞速发展，计算机作为基础工具也得到了更多的扩展，特别是在计算机使用的主板中出现较以往不同的接口方式及数据传输方式。特别的是，新型主板中对于串行数据通信技术已经越来越广泛的被使用，特别是在硬盘传输界面，以往的并行ATA由于其传输率不高，成为计算机数据传输的瓶颈，影响计算机的发展。新兴的技术已经被开发完成，
15 即将成为业界的标准，在硬盘接口方面Serial ATA（串行ATA）技术将取代并行ATA传输方式，数据传输率将从100Mbytes提升到150Mbytes，性能可提升50%，大大提高了系统的效率，从而其将被广泛应用。特别的是Serial ATA的接口电路特性具有热插拔（即插即用）功能，这样对用户在使用时是非常方便的。

20 但是，目前的Serial ATA硬件接口或其表现形式并没有将其技术优势淋漓尽致的表现出来，虽然其接口特性可以支持热插拔（即插即用）功能，但是在目前的应用来将，仅仅是将带有这种接口硬盘作为固定的并且是内置于电脑机箱中的固定设备来使用，用户在使用的时候并没有使用到其即插即用的功能，没有充分发挥出技术带来的方便。究其原因，应该是
25 目前Serial ATA接口形式造成的这种局限。

图1描绘了现有技术中的Serial ATA硬盘10通过两个接口分别与主板20与电源30连接的示意图。其中，Serial ATA硬盘10有两个接口分别与主板20与电源30连接，其中1为数据线接口，2为电源线接口，分别连接到主板数据输入端口A和电源输出B。

5 主板A与硬盘接口1连接主要是通过传输线对数据进行传输，进行相关读写操作；另外，电源输出B提供的电源线连接到硬盘电源接口2上，主要是为硬盘正常工作提供稳定的电压，但是由于这条线主要是由电脑中的主机电源提供，这样致使硬盘10只能固定在机箱上，不能进行位置或外部插拔更改，致使其移动特性受到限制。

10 另外，现行的主板Serial ATA接口在使用时还可能造成接口插反，造成硬盘损坏，并导致严重的后果。而且，现行的接口电路形式还存在固定不良，在运输或托运过程中，数据传输线容易脱落，造成电脑启动不能找到硬盘，无法对电脑进行操作等问题。

15 发明内容

目前的接口电路的形式影响到其方便、易用性的使用，不能突出表现其技术先进性，本发明的目的是提供一种经济的并可使Serial ATA即插即用的特点充分发挥的设备。

20 为了实现本发明的目的，本发明提供一种连接计算机信号与电源的装置，所述装置连接计算机电源与信号到一个有一定灵活性的标准的计算机内部或外部设备，所述装置包括：

位于计算机中的复合接口装置，所述复合接口装置耦合到计算机电源，所述复合接口装置还耦合到主板的数据接口装置，以与计算机主板交换数据；

25 接口转换装置，耦合到所述复合接口装置，以获取电源和与计算机进行数据交换；

其中，所述接口转换装置还包括转换装置和分立的电源接口与信号接口，所述转换装置将所述复合接口装置中的电源和计算机数据分别转发到电源接口和信号接口；所述电源接口和信号接口适于与所述标准的计算机设备的标准接口连接。

5 可选地，所述复合接口装置位于计算机主板上，通过计算机主板上的信号交换装置与计算机进行数据交换。

优选地，所述信号交换装置包括：

南桥芯片；

Serial ATA的控制芯片，耦合到所述南桥芯片，以便所述计算机通过
10 南桥芯片将相关指令输出到所述控制芯片；

滤波装置，用于滤波Serial ATA的控制芯片解码的所述相关指令，然后通过所述信号交换装置与所述标准的计算机内部或外部设备交换。

可选地，所述复合接口装置和接口转换装置还包括防止接口装置中的插头反插的装置。

15 优选地，所述防止接口装置中的插头反插的装置为插头定位装置。

可选地，所述插头定位装置包括插头上的凸起或凹槽或插脚形状的不同或插头外形的不同。

优选地，所述防止接口装置中的插头反插的装置包括根据预定各针的排列设定不同信号和电源对应的具体插脚，所述排列满足反插时，不会损
20 害所述计算机或所述标准的计算机内部或外部设备。

可选地，所述插头为12针双排插头，所述插头的各插脚的定义为：从针脚1到12每脚的定义分别为直流正12V (+12V)、地 (GND)、地

(GND)、直流正5V (+5V)、地 (GND)、地 (GND)、微分传输正信号

(TxP+)、微分传输负信号 (TxN-)、微分接收正信号 (RxP+)、微分接

25 收负信号 (RxN-)、地 (GND)、空 (CUT)；所述接口转换装置中的电源

接口与信号接口分别为4针双排插头与8针双排插头，4针双排插头各插脚的定义为：从针脚1到4每脚的定义分别为直流正12V (+12V)、地 (GND)、地 (GND)、直流正5V (+5V)；8针双排插头各插脚的定义为：从针脚1到8每脚的定义分别为地 (GND)、微分传输正信号 (TxP+)、微分接收正信号 (RxP+)、地 (GND)、微分传输负信号 (TxN-)、微分接收负信号 (RxN-)
5 (RxN-)、空 (CUT)。

优选地，所述复合接口装置包括，型号为Si13112芯片，与由晶体及RC网络构成的滤波网络，用于实现所述计算机与所述标准的计算机内部或外部设备数据的滤波与交换。

10 本发明还提供一种连接计算机信号与电源的方法，所述方法实现连接计算机电源与信号到一个有一定灵活性的标准的计算机内部或外部设备，所述方法包括：

连接所述计算机电源和计算机主板的预定数据和/或程序到位于计算机中的包括电源接口和数据信号接口的复合接口装置；

15 连接所述复合接口装置到所述计算机内部或外部设备，以向所述设备提供电源和进行数据交换；

其中，所述连接所述复合接口装置到所述计算机内部或外部设备的步骤包括：连接所述复合接口装置到位于或邻近于所述设备的接口转换装置，转换所述复合接口装置为到所述设备电源接口的电源信号与到所述信号接口的数据与程序信号。
20

可选地，所述复合接口装置位于所述计算机主板上；所述连接所述复合接口装置到所述计算机内部或外部设备的步骤还包括：建立插头定位装置，以防止接口装置中的插头反插的装置。

利用本发明，对主板、电源与计算机其它设备（如硬盘）之间的关系合理调配，通过增加主板相关接口电路，减少了电源与硬盘之间的连接关系，保证硬盘在使用时可以进行便携或移动性的需求，方便了用户。

5 附图的简要描述

图1描绘了现有技术中的Serial ATA硬盘通过两个接口分别与主板与电源连接的示意图；

图2描述了本发明的实施例的支持移动式Serial ATA（串行ATA）即插即用装置的示意图；

10 图3描述了本发明的实施例的支持移动式Serial ATA（串行ATA）即插即用装置的原理框图；

图4为本发明的实施例的硬盘接口电路板40的示意图；

图5示出了本发明的实施例主板接口C的电路原理图；

图6示出了本发明的实施例的硬盘接口卡40的电路原理图；

15 图7a和图7b分别示出了本发明的实施例中内置和外置接口的具体管脚信号定义；

图8a和8b分别描绘了本发明的实施例中的数据接口3及电源接口4的管脚信号定义。

20 具体实施例

为了使本领域技术人员了解和实施本发明，现结合实施例参照附图描绘本发明。

在本发明的实施例中，在计算机主板上增加了SerialATA供电电路及接口，保证硬盘可从主板上得到电源供给。由于计算机电源是固定在计算机机箱上的，而现有技术中的硬盘通过电源上连接到硬盘的电源线供电，

25

因此这样就影响到硬盘可移动性。为了使硬盘的移动性表现出来，本发明在主板上增加了 Serial ATA 硬盘的电源供电电路，将 Serial ATA 硬盘所需的电源通过主板连接到硬盘。一方面保证了硬盘供电电路的品质，另一方面可以使传输线电路与电源电路合二为一，这样就使硬盘传输线的接口统一，变换形式后，可以使硬盘工作所需要的多种条件都可从主板上实现，这样接口形式就变成比较简单了，硬盘可以通过主板这个界面进行操作，实现了及插拔的灵活性。

图 2 描述了本发明的实施例的装置的示意图。在计算机主板 20 中修改接口 C 或增加一个接口 C，利用接口 C 将对硬盘 10 的电源接口与数据传输接口合二为一，在本发明的另一实施例中，上述两接口分别独立存在。接口 C 中包含了电源输入接口，将现有技术中的电源线从电源接口 B 直接连接到硬盘的接口 2 改为从电源接口 B 先连接到主板 20 上的接口 C，将电源先输入到主板 20 上，再由主板 20 将此电源转换，通过接口 C 或其它接口输出到硬盘接口电路板 40，然后，经过硬盘接口电路板 40 转接到硬盘电源接口 2 中。经过桥接，保证了原先供电电源的稳定性，从而可实现硬盘与电源之间原先的连接关系变换，使硬盘仅与主板产生一对一的连接，这样就使硬盘所受的连接制约降低，并使硬盘可以独立的与主板进行数据上的通信，从而提高其独立性，并可以实现其移动性的扩展。

本发明将主板中 Serial ATA (SATA) 接口电路的形式进行改变，与供电电路可作为一路输出。现有技术中的 Serial ATA 接口电路形式是使用单列直插式方式进行的，本发明的接口电路将硬盘数据接口 1 与电源接口 2 两个连接线合二为一，做到一路输出，直接输出到主板的 C 接口。在本发明的实施例中，接口 C 采用主板内置的形式，实际应用中，也可采用主板后 I/O 外置的形式，以便根据不同的功能需求进行扩展，使用起来更加方便。

图3描述了本发明的实施例的支持移动式Serial ATA (串行ATA) 即插即用装置的原理框图。图中, 对计算机主板20, 仅描绘了与本发明有关的部分。在计算机进行读写操作时, 计算机通过主板20的南桥芯片22将相关指令输出到Serial ATA的控制芯片24, 经过解码, 控制芯片24通过滤波电容26将指令传送到接口电路28, 在实施例中, 接口电路28包括启动SerialATA设备30的电源, 此时, SerialATA设备10已经被置于正常工作状态, 这时, 接口电路28将指令传送到SerialATA设备10中, 该设备10根据指令进行相关的读写相关操作; 在进行读写操作过程中, SerialATA设备10还通过接口电路28、滤波电容26将数据及信号反馈到控制芯片24中, 芯片24经过编译, 将信息传送到南桥芯片22, 通过南桥芯片22发送到不同BUS中, 完成指令发送到数据接收的全过程。

图4为本发明的实施例的硬盘接口电路板40的示意图。实施例的硬盘接口电路板40提供与主板20的对应接口, 并对硬盘接口进行桥接。在本实施例中, 硬盘接口电路板40保证了数据及接口的统一性。其中, 硬盘接口板40中的SerialATA数据传输接口3连接到硬盘10的SATA接口1, 电源接口4连接到硬盘10的电源接口2; 硬盘接口板40中与主板20连接的接口D与主板20的接口C连接。即, 主板接口C与硬盘接口板的接口D通过相应接口线进行连接, 数据及电源通过主板C接口传输到硬盘接口板接口D, 接口D通过硬盘接口板40上的转换电路将数据与电源分离, 分别输出到不同的端口3, 4, 再通过这些接口3、4将信号及电源分别输出或输入到硬盘的数据及电源的接口1、2, 保证了主板与硬盘间的通信的一致性。

图5示出了本发明的实施例主板接口C的电路原理图。其中, 接插件510为11针接口, 也可为座。其中, 芯片520的型号为: Silicon Image (硅图) 公司生产的Si13112控制芯片, 其主要功能是PCI与Serial ATA间的信号交换作用, 其管脚TxP+通过电容C1耦合到接口处的引脚TxP+、其管脚TxN-通过

电容C2与接口引脚TxN-连接、其管脚RxP+通过电容C3与接口引脚RxP+连接、其管脚RxN-通过电容C3与接口引脚RxN-连接；另外，此芯片通过外部25MHz晶振提供所用时钟，其中晶振分别通过18pF的滤波电容保证其稳定性。

5 图6示出了本发明的实施例的硬盘接口卡40的电路原理图。其中，接口卡接口D中的信号被分成两部分，电源部分连接到电源接口4，以通过接口4连接到硬盘10的电源接口2。其它信号被连接到信号接口3，以连接到硬盘10的接口1。其中，接口D中的+12V连接到接口4的+12V，接口D中的+5V连接到接口4的+5V；接口D中的TxP+与接口3的TxP+连接、接口D
10 中的TxN-与接口3的TxN-连接、接口D中的RxP+与接口3的RxP+连接、接口D中的RxN-与接口3的RxN-连接；GND可任意连接。

图7a和图7b分别示出了本发明的实施例中内置和外置接口C或D的具体信号定义。根据本发明，主板20及硬盘10的接口C、D的表现形式可分为内置与外置两种，内置所表示是此接口可以在主板或硬盘采用插针的形式体现。外置即指可将上述两种接口分别引到电脑机箱或外置硬盘的外部。
15 从引脚1到12的定义为直流正12V +12V、地GND、地GND、直流正5V +5V、地GND、地GND、差分传输正信号TxP+、差分传输负信号TxN-、差分接收正信号RxP+、差分接收负信号RxN-、地GND、空CUT。

图8a和b分别描绘了本发明的实施例中的数据接口3及电源接口4，
20 通过这些接口可连接数据和电源到硬盘中。

为了保障硬盘数据的稳定性，不使用户在使用上将接口线插反，保护硬盘上的数据，本发明的实施例具有防反插功能。其中，图7a的第12引脚和图8a的第8引脚设计为空，结合相应布线规则，起到防反插功能。图7b在接口底部的凹槽710和图8b接口的顶端的凸起810增加防反插的功能，
25 避免电源线接口插反而烧毁硬盘，这样就能更好的扩展应用，并保护硬盘

数据。应该知道，只要具有定位功能的机制就能防反插，如可以针的形状不同，可以有定位槽或凸起等。

在实施例中描绘了硬盘与主板及电源的连接，本领域技术人员知道，实际上，本发明可用于任何原需要从电源连线的设备，如光驱、软驱等。

- 5 虽然通过实施例描述了本发明，本领域一般技术人员知道，不脱离本发明的精神，可以有許多改进和变形，这些改进和变形及等效变换均在本发明的保护范围内。

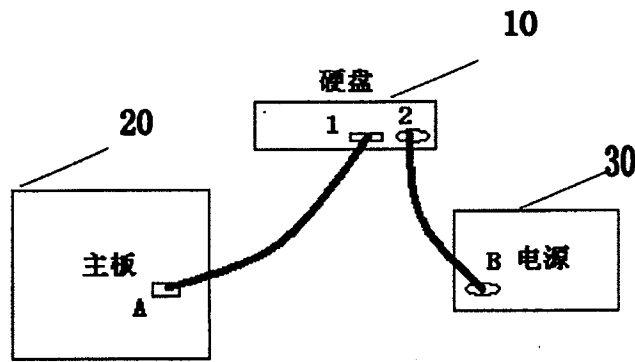


图1

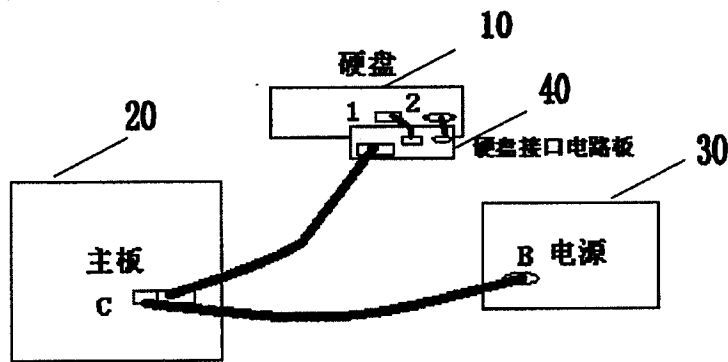


图2

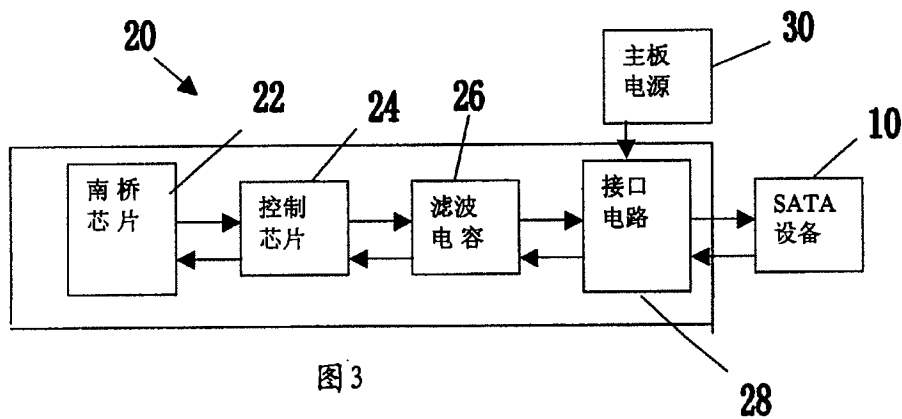


图3

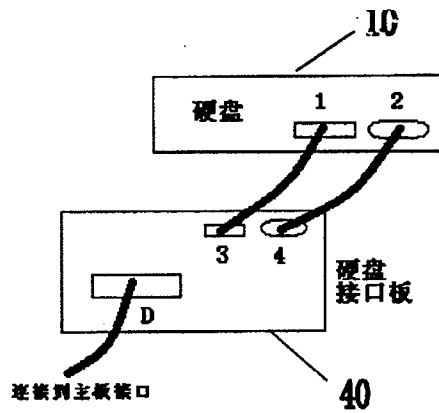


图4

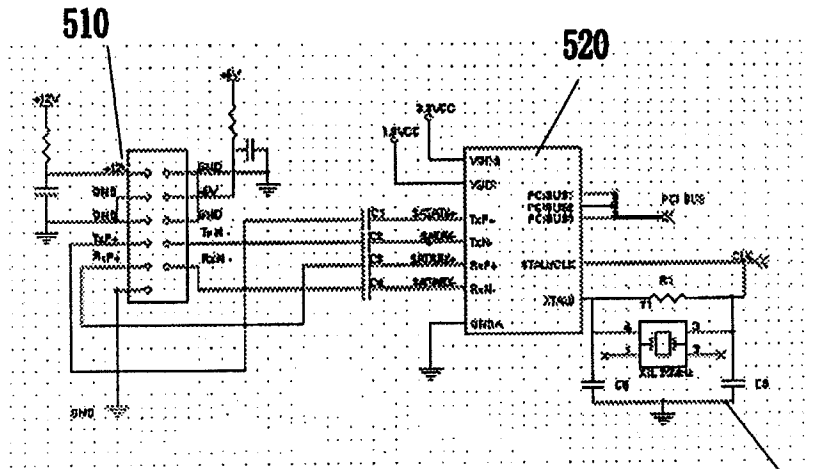


图5

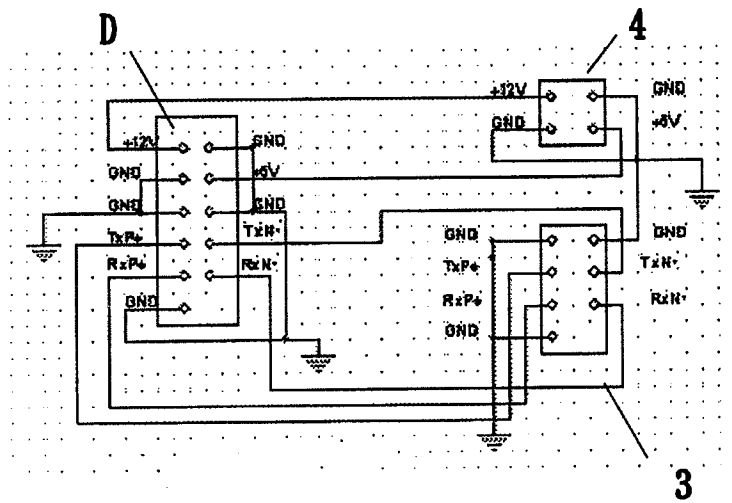


图6

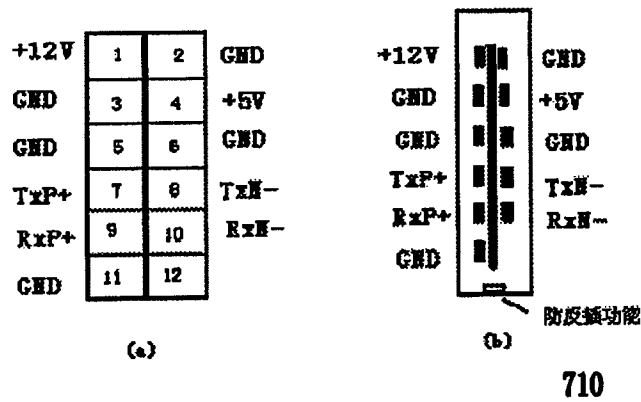


图7

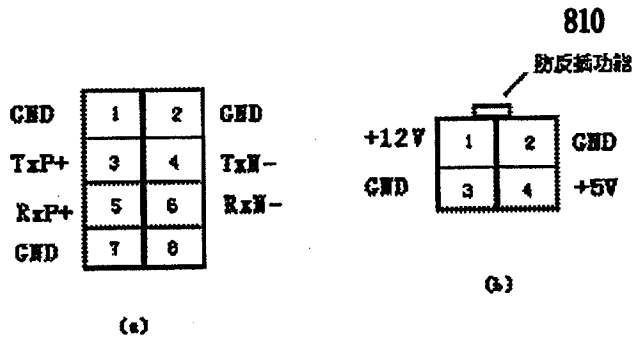


图8

Electronic Acknowledgement Receipt

EFS ID:	7564512
Application Number:	11475847
International Application Number:	
Confirmation Number:	9001
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Customer Number:	27614
Filer:	Mark E. Nikolsky/Janelle Fava
Filer Authorized By:	Mark E. Nikolsky
Attorney Docket Number:	99879-00026
Receipt Date:	06-MAY-2010
Filing Date:	27-JUN-2006
Time Stamp:	15:19:58
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	Transmittal.pdf	39637 <small>7808e3bc4ad1fa4b91b306147ca6160708bde80b</small>	no	1

Warnings:

Information:

Petitioners

2	Transmittal Letter	IDSTransmittal.pdf	96074	no	2
			1e23776fcb549f17ad66e70f4adfea4bb2031f0e		
Warnings:					
Information:					
3	Information Disclosure Statement (IDS) Filed (SB/08)	IDS.pdf	142670	no	2
			9fb2737b19c45cb4ec635ea2073330c27d4b1193		
Warnings:					
Information:					
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4	Foreign Reference	Ref2.pdf	707076	no	17
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Information:					
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			0e840bb5c7a3e9a7dad6b6aee136fce025d795f		
Warnings:					
Information:					
Total Files Size (in bytes):			2185769		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Customer No. 27614
Confirmation No. 9001

Re: Our file: 99879-00026
Applicant: Ira Marlowe
Serial No.: 11/475,847
Filed: 06/27/2006
For: Multimedia Device Integration System

Examiner: Kurr, Jason R.
Art Unit: 2614

Sir:

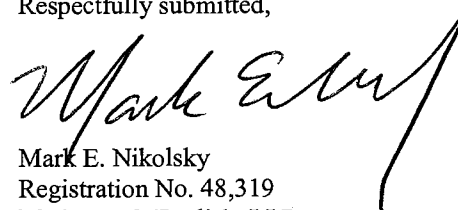
Enclosed for filing in the United States Patent and Trademark Office is the following:

1. Transmittal of Information Disclosure Statement (2 pages)
2. Form PTO/SB/08A (1 page)
3. Form PTO/SB/08B (1 page)
4. Copy of Reference 2 from Form PTO/SB/08A
5. Copies of References 3-5 from Form PTO/SB/08B
6. Transmittal Sheet (1 page)

CONDITIONAL PETITION

If any extension of time is required for the submission of the above-identified items, Applicant requests that this be considered a petition therefor. Please charge any additional charges or any other charges relating to this matter, or credit any overpayment, to the Deposit Account of the writer, **Account No. 503571**.

Respectfully submitted,

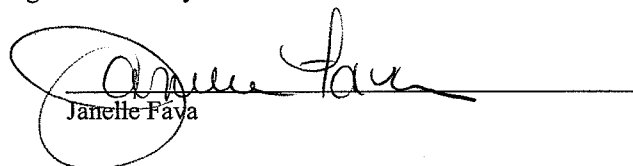


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5/16/2010
Date

CERTIFICATE OF ELECTRONIC FILING

I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office (via EFS-Web) on 5/16/2010.



Janelle Fava

ME1 9906608v.1

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.
99879-00026

In Re Application Of: **Ira Marlowe**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
11/475,847	06/27/2006	Kurr, Jason R.	27614	2614	9001

Title: **Multimedia Device Integration System**

Address to:
**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- the statement specified in 37 CFR 1.97(e);
- OR**
- the fee set forth in 37 CFR 1.17(p).

P10A/REV06

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
99879-00026

In Re Application of: **Ira Marlowe**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
11/475,847	06/27/2006	Kurr, Jason R.	27614	2614	9001

Title: **Multimedia Device Integration System**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of _____ is attached.
- The Director is hereby authorized to charge and credit Deposit Account No. 503571
as described below.
- Charge the amount of _____
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 - Charge any additional fee required.
- Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Signature

Dated: 5/6/2010

Mark E. Nikolsky
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cc:

P10A/REV06

Application Number 	Application/Control No. 11/475,847	Applicant(s)/Patent under Reexamination MARLOWE, IRA

Document Code - DISQ	Internal Document – DO NOT MAIL
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TERMINAL DISCLAIMER	<input checked="" type="checkbox"/> APPROVED	<input type="checkbox"/> DISAPPROVED
Date Filed : 4/30/10	This patent is subject to a Terminal Disclaimer	

Approved/Disapproved by:
Felicia D. Roberts 7,489,786

U.S. Patent and Trademark Office

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	11/475,847		
		Filing Date	06/27/2006		
		First Named Inventor	Ira Marlowe		
		Art Unit	2614		
		Examiner Name	Kurr, Jason R.		
Sheet	2	of	2	Attorney Docket Number	99879-00026

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	5	Copy of Examiner's First Report dated April 29, 2010, issued by the Australian Patent Office in connection with Australian Patent Application No. 2006200895 (2 pages)	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Electronic Acknowledgement Receipt

EFS ID:	7708434
Application Number:	11475847
International Application Number:	
Confirmation Number:	9001
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Customer Number:	27614
Filer:	Mark E. Nikolsky/Janelle Fava
Filer Authorized By:	Mark E. Nikolsky
Attorney Docket Number:	99879-00026
Receipt Date:	28-MAY-2010
Filing Date:	27-JUN-2006
Time Stamp:	13:08:08
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	Transmittal.pdf	41469 <small>52995910737ebbe5396274cc8228774372c a5dd8</small>	no	1

Warnings:

Information:

Petitioners

2	Transmittal Letter	IDSLtr.pdf	95094 38cf7efcae8dee56d6ecb1beef723cdd6798f604	no	2
Warnings:					
Information:					
3	Information Disclosure Statement (IDS) Filed (SB/08)	IDS.pdf	137474 a53620ab83b9ce2b1cb58f2fac151d5b8cb73b	no	2
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Information:					
This is not an USPTO supplied IDS fillable form					
4	NPL Documents	AustraliaExamReport.pdf	107096 204ab3cd39a42e485e0bf0a0a9962ec81ef3e24a	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			381133		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Amendment
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P.O. Box 1450
Alexandria, VA 22313-1450

Customer No. 27614
Confirmation No. 9001

Re: Our file: 99879-00026
Applicant: Ira Marlowe
Serial No.: 11/475,847
Filed: 06/27/2006
For: Multimedia Device Integration System

Examiner: Kurr, Jason R.
Art Unit: 2614

Sir:

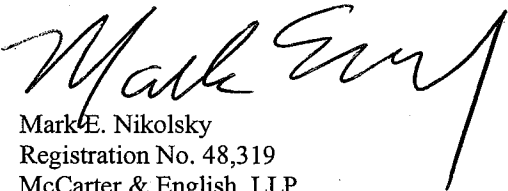
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1. Transmittal of Information Disclosure Statement (2 pages)
2. Form PTO/SB/08A (1 page)
3. Form PTO/SB/08B (1 page)
4. Copy of Reference 5 from Form PTO/SB/08B
5. Transmittal Sheet (1 page)

CONDITIONAL PETITION

If any extension of time is required for the submission of the above-identified items, Applicant requests that this be considered a petition therefor. Please charge any additional charges or any other charges relating to this matter, or credit any overpayment, to the Deposit Account of the writer, **Account No. 503571**.

Respectfully submitted,

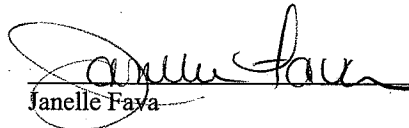


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Date

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Janelle Fava

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.
99879-00026

In Re Application Of: **Ira Marlowe**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
11/475,847	06/27/2006	Kurr, Jason R.	27614	2614	9001

Title: **Multimedia Device Integration System**

Address to:

**Commissioner for Patents
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Alexandria, VA 22313-1450**

37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- the statement specified in 37 CFR 1.97(e);
- OR**
- the fee set forth in 37 CFR 1.17(p).

P10A/REV06

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
99879-00026

In Re Application of: **Ira Marlowe**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
11/475,847	06/27/2006	Kurr, Jason R.	27614	2614	9001

Title: **Multimedia Device Integration System**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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Signature

Dated: 5/28/2010

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McCarter & English, LLP
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Tel: (973) 639-6987
Fax: (973) 297-6624

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P10A/REV06

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known												
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application Number</td> <td>11/475,847</td> </tr> <tr> <td>Filing Date</td> <td>06/27/2006</td> </tr> <tr> <td>First Named Inventor</td> <td>Ira Marlowe</td> </tr> <tr> <td>Art Unit</td> <td>2614</td> </tr> <tr> <td>Examiner Name</td> <td>Kurr, Jason R.</td> </tr> <tr> <td>Attorney Docket Number</td> <td>99879-00026</td> </tr> </table>	Application Number	11/475,847	Filing Date	06/27/2006	First Named Inventor	Ira Marlowe	Art Unit	2614	Examiner Name	Kurr, Jason R.	Attorney Docket Number	99879-00026
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Filing Date	06/27/2006												
First Named Inventor	Ira Marlowe												
Art Unit	2614												
Examiner Name	Kurr, Jason R.												
Attorney Docket Number	99879-00026												
Sheet 1 of 2													

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 7,151,950	12/19/2006	Oyang, et al.	
	2	US- 6,816,577	11/09/2004	Logan	
	3	US- 5,537,673	07/16/1996	Nagashima, et al.	
	4	US- 5,263,199	11/16/1993	Barnes, et al.	
	5	US- 2007/0294710	12/20/2007	Meesseman	
	6	US- 2003/0069000	04/10/2003	Kindo, et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature		Date Considered
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Substitute for form 1449/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;"><i>(Use as many sheets as necessary)</i></p>		Complete if Known	
		Application Number	11/475,847
		Filing Date	06/27/2006
		First Named Inventor	Ira Marlowe
		Art Unit	2614
		Examiner Name	Kurr, Jason R.
		Attorney Docket Number	99879-00026
Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	7	Copy of Office Action dated August 30, 2010, from co-pending Application No. 11/805,799 (13 pages)	
	8	Copy of Office Action dated July 20, 2010, from co-pending Application No. 10/732,909 (17 pages)	

Examiner Signature	Date Considered	
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Electronic Acknowledgement Receipt

EFS ID:	8454133
Application Number:	11475847
International Application Number:	
Confirmation Number:	9001
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Customer Number:	27614
Filer:	Mark E. Nikolsky/Janelle Fava
Filer Authorized By:	Mark E. Nikolsky
Attorney Docket Number:	99879-00026
Receipt Date:	20-SEP-2010
Filing Date:	27-JUN-2006
Time Stamp:	15:46:42
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	Transmittal.pdf	35430 <small>5ef8ab58d5137f45ceb66b998c3a70a8ddf7004</small>	no	1

Warnings:

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Petitioners

2	Transmittal Letter	IDSLtr.pdf	85438 b098ae9acf0c151bdlba6cd3669b52594275b7fb1	no	2
Warnings:					
Information:					
3	Information Disclosure Statement (IDS) Filed (SB/08)	IDS.pdf	126798 2d0f8783c237ecffdf6f8e408ada51b7ae9e36de3	no	2
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Information:					
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4	NPL Documents	Ref7.pdf	466455 7f01ac528c3fef7e6950a9efeb8136dffdad1c41	no	13
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5	NPL Documents	Ref8.pdf	621332 649ce5e99b38c7f4fd6c34d6119c5d1c2573ffe8d	no	17
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Information:					
Total Files Size (in bytes):				1335453	
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Amendment
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Customer No. 27614
Confirmation No. 9001

Re: Our file: 99879-00026
Applicant: Ira Marlowe
Serial No.: 11/475,847
Filed: 06/27/2006
For: Multimedia Device Integration System

Examiner: Kurr, Jason R.
Art Unit: 2614

Sir:

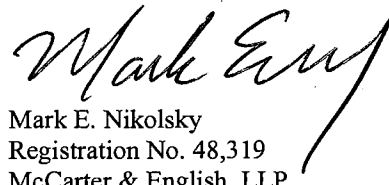
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1. Transmittal of Information Disclosure Statement (2 pages)
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4. Copies of References 7-8 from Form PTO/SB/08B
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CONDITIONAL PETITION

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Respectfully submitted,



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9/20/2010

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Janelle Fava

ME1 9906608v.1

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.
99879-00026

In Re Application Of: **Ira Marlowe**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
11/475,847	06/27/2006	Kurr, Jason R.	27614	2614	9001

Title: **Multimedia Device Integration System**

Address to:
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Alexandria, VA 22313-1450**

37 CFR 1.97(b)

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37 CFR 1.97(c)

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- OR**
- the fee set forth in 37 CFR 1.17(p).

P10A/REV06

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Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
11/475,847	06/27/2006	Kurr, Jason R.	27614	2614	9001

Title: **Multimedia Device Integration System**

Payment of Fee

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 Newark, NJ 07102
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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
11/475,847 06/27/2006 Ira Marlowe 99879-00026 9001

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EXAMINER

KURR, JASON RICHARD

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2614

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 11/475,847	Applicant(s) MARLOWE, IRA	
	Examiner JASON R. KURR	Art Unit 2614	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 30 April 2010.
- 2a) This action is **FINAL**.
- 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 92-192 and 195-213 is/are pending in the application.
 - 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 92-192 and 195-213 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. _____.
 - 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO/SB/08)
 Paper No(s)/Mail Date 5/6/10 5/28/10 9/20/10.
- 4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____.
- 5) Notice of Informal Patent Application
- 6) Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on April 30, 2010 has been entered.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 92-107, 109-131, 133-155, 157-179, 181-192, 195-204 and 206-213 are rejected under 35 U.S.C. 102(e) as being anticipated by Tranchina (US 7493645).

With respect to claim 92, Tranchina discloses a multimedia device integration system, comprising: an integration subsystem (fig.1 #110) in communication with a portable device (fig.1 #106,108), the portable device external to a car audio/video

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system (fig.1 #104,170); and a first wireless interface (fig.1 #150) in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface (fig.1 #102,118,165) in communication with the car audio/video system (col.5 ln.48-64), wherein said integration subsystem obtains information about an audio file stored on the portable device, transmits the information over said wireless communication link to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and transmits audio generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system (col.6 ln.17-28, 53-67).

With respect to claim 93, Tranchina discloses the system of claim 92, wherein said integration subsystem is positioned within the portable device (col.6 ln.40-52).

With respect to claim 94, Tranchina discloses the system of claim 93, wherein said first wireless interface (fig.1 #150) is positioned within the portable device.

With respect to claim 95, Tranchina discloses the system of claim 94, wherein said second wireless interface (fig.1 #102,118,165) is positioned within the car audio/video system.

With respect to claim 96, Tranchina discloses the system of claim 91, wherein said integration subsystem receives, over said wireless communication link, a control command issued at the car audio/video system in a format incompatible with the

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portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby (col.7 ln.5-30).

With respect to claim 97, Tranchina discloses the system of claim 92, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system over the wireless communication link for subsequent display of the processed data on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 98, Tranchina discloses the system of claim 92, wherein said integration subsystem further comprises a voice recognition subsystem (fig.1 #120) for receiving and processing spoken control commands issued by a user (col.8 ln.50-60).

With respect to claim 99, Tranchina discloses the system of claim 98, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem (col.8 ln.50-60).

With respect to claim 100, Tranchina discloses the system of claim 92, wherein said integration subsystem further comprises a speech synthesizer (fig.1 #130) for generating synthesized speech corresponding to data generated by the portable device (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 101, Tranchina discloses the system of claim 100, wherein said integration subsystem transmits the synthesized speech to the car audio/video system over said wireless communication link for subsequent playing of the synthesized speech by the car audio/video system (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 102, Tranchina discloses the system of claim 92, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system over said wireless communications link to maintain the car audio/video system in a state responsive to the portable device (col.7 ln.13-16).

With respect to claim 103, Tranchina discloses the system of claim 92, wherein the portable device comprises a portable receiver (fig.1 #150, col.7 ln.21-26).

With respect to claim 104, Tranchina discloses the system of claim 103, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver (col.5 ln.33-38).

With respect to claim 105, Tranchina discloses the system of claim 92, wherein the portable device comprises a portable digital media player (col.5 ln.27-32).

With respect to claim 106, Tranchina discloses the system of claim 105, wherein the portable digital media player comprises a video device (col.5 ln.27-32), a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

With respect to claim 107, Tranchina discloses the system of claim 92, wherein the portable device comprises a cellular telephone (col.5 ln.34-38).

With respect to claim 109, Tranchina discloses the system of claim 92, wherein said integration subsystem transmits, over said wireless communication link, information about a video file stored on the portable device to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and transmits video generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system (col.6 ln.53-67, col.7 ln.21-26).

With respect to claim 110, Tranchina discloses the system of claim 109, wherein the video file comprises a movie stored on the portable device (col.5 ln.27-32).

With respect to claim 111, Tranchina discloses the system of Claim 109, wherein the video file comprises a picture stored on the portable device (col.9 ln.4-7).

With respect to claim 112, Tranchina discloses the system of claim 109, wherein the video file comprises a video clip stored on the portable device (col.5 ln.27-32).

With respect to claim 113, Tranchina discloses the system of claim 109, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video over the wireless communication link to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 114, Tranchina discloses the system of claim 92, wherein the audio file comprises a song stored on the portable device (col.5 ln.27-32).

With respect to claim 115, Tranchina discloses the system of claim 92, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser (col.5 ln.33-47).

With respect to claim 116, Tranchina discloses a multimedia device integration system, comprising: an integration subsystem (fig.1 #110) in communication with a portable device (fig.1 #106,108), the portable device external to a car audio/video system (fig.1 #104,170); and a first wireless interface (fig.1 #150) in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface (fig.1 #102,118,165) in communication with the car audio/video system (col.5 ln.48-64), wherein said integration subsystem obtains information about an audio file received by the portable device, transmits the information over said wireless communication link to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and transmits audio generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system (col.6 ln.17-28, 53-67).

With respect to claim 117, Tranchina discloses the system of claim 116, wherein said integration subsystem is positioned within the portable device (col.6 ln.40-52).

With respect to claim 118, Tranchina discloses the system of claim 117, wherein said first wireless interface (fig.1 #150) is positioned within the portable device.

With respect to claim 119, Tranchina discloses the system of claim 118, wherein said second wireless interface (fig.1 #102,118,165) is positioned within the car audio/video system.

With respect to claim 120, Tranchina discloses the system of claim 116, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby (col.7 ln.5-30).

With respect to claim 121, Tranchina discloses the system of claim 116, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system over the wireless communication link for subsequent display of the processed data on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 122, Tranchina discloses the system of claim 116, wherein said integration subsystem further comprises a voice recognition subsystem (fig.1 #120)

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for receiving and processing spoken control commands issued by a user (col.8 ln.50-60).

With respect to claim 123, Tranchina discloses the system of claim 122, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem (col.8 ln.50-60).

With respect to claim 124, Tranchina discloses the system of claim 116, wherein said integration subsystem further comprises a speech synthesizer (fig.1 #130) for generating synthesized speech corresponding to data generated by the portable device (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 125, Tranchina discloses the system of claim 124, wherein said integration subsystem transmits the synthesized speech to the car audio/video system over said wireless communication link for subsequent playing of the synthesized speech by the car audio/video system (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 126, Tranchina discloses the system of claim 116, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system over said wireless communications link to maintain the car audio/video system in a state responsive to the portable device (col.7 ln.13-16).

With respect to claim 127, Tranchina discloses the system of claim 116, wherein the portable device comprises a portable receiver (fig.1 #150, col.7 ln.21-26).

With respect to claim 128, Tranchina discloses the system of claim 127, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver (col.5 ln.33-38).

With respect to claim 129, Tranchina discloses the system of claim 116, wherein the portable device comprises a portable digital media player (col.5 ln.27-32).

With respect to claim 130, Tranchina discloses the system of claim 129, wherein the portable digital media player comprises a video device (col.5 ln.27-32), a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

With respect to claim 131, Tranchina discloses the system of claim 116, wherein the portable device comprises a cellular telephone (col.5 ln.34-38).

With respect to claim 133, Tranchina discloses the system of claim 116, wherein said integration subsystem transmits, over said wireless communication link, information about a video file received by the portable device to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and transmits video generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system (col.6 ln.53-67, col.7 ln.21-26).

With respect to claim 134, Tranchina discloses the system of claim 133, wherein the video file comprises a streaming movie received by the portable device (col.5 ln.33-47).

With respect to claim 135, Tranchina discloses the system of Claim 133, wherein the video file comprises a picture received by the portable device (col.9 ln.4-7).

With respect to claim 136, Tranchina discloses the system of claim 133, wherein the video file comprises a streaming video clip received by the portable device (col.5 ln.33-47).

With respect to claim 137, Tranchina discloses the system of claim 116, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video over the wireless communication link to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 138, Tranchina discloses the system of claim 116, wherein the audio file comprises a song received by the portable device (col.5 ln.27-32).

With respect to claim 139, Tranchina discloses the system of claim 116, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser (col.5 ln.33-47).

With respect to claim 140, Tranchina discloses a multimedia device integration system, comprising: an integration subsystem (fig.1 #110) in communication with a car audio/video system (fig.1 #104,170); and a first wireless interface (fig.1 #102,118,165)

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in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface (fig.1 #150) in communication with a portable device (fig.1 #106,108) external to the car audio/video system (col.5 ln.48-64), wherein said integration subsystem obtains, using said wireless communication link, information about an audio file stored on the portable device, transmits the information to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and receives audio generated by the portable device over said wireless communication link for playing on the car audio/video system (col.6 ln.17-28, 53-67).

With respect to claim 141, Tranchina discloses the system of claim 140, wherein said integration subsystem (fig.1 #110) is positioned within the car audio/video system.

With respect to claim 142, Tranchina discloses the system of claim 141, wherein said first wireless interface (fig.1 #102,118,165) is positioned within the car audio/video system.

With respect to claim 143, Tranchina discloses the system of claim 142, wherein said second wireless interface (fig.1 #150) is positioned within the portable device.

With respect to claim 144, Tranchina discloses the system of claim 140, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and

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dispatches the processed control command to the portable device for execution thereby (col.7 ln.5-30).

With respect to claim 145, Tranchina discloses the system of claim 140, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 146, Tranchina discloses the system of claim 140, wherein said integration subsystem further comprises a voice recognition subsystem (fig.1 #120) for receiving and processing spoken control commands issued by a user (col.8 ln.50-60).

With respect to claim 147, Tranchina discloses the system of claim 150, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem (col.8 ln.50-60).

With respect to claim 148, Tranchina discloses the system of claim 140, wherein said integration subsystem further comprises a speech synthesizer (fig.1 #130) for generating synthesized speech corresponding to data generated by the portable device (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 149, Tranchina discloses the system of claim 148, wherein .said integration subsystem transmits the synthesized speech to the car audio/video

system for subsequent playing of the synthesized speech by the car audio/video system (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 150, Tranchina discloses the system of claim 140, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device (col.7 ln.13-16).

With respect to claim 151, Tranchina discloses the system of claim 140, wherein the portable device comprises a portable receiver (fig.1 #150, col.7 ln.21-26).

With respect to claim 152, Tranchina discloses the system of claim 151, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver (col.5 ln.33-38).

With respect to claim 153, Tranchina discloses the system of claim 140, wherein the portable device comprises a portable digital media player (col.5 ln.27-32).

With respect to claim 154, Tranchina discloses the system of claim 153, wherein the portable digital media player comprises a video device (col.5 ln.27-32), a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

With respect to claim 155, Tranchina discloses the system of claim 140, wherein the portable device comprises a cellular telephone (col.5 ln.34-38).

With respect to claim 157, Tranchina discloses the system of claim 140, wherein said integration subsystem obtains, using said wireless communication link, information about a video file stored on the portable device for subsequent display of the

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information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and receives video generated by the portable device over said wireless communication link for playing on the car audio/video system (col.6 ln.53-67, col.7 ln.21-26).

With respect to claim 158, Tranchina discloses the system of claim 157, wherein the video file comprises a movie stored on the portable device (col.5 ln.27-32).

With respect to claim 159, Tranchina discloses the system of Claim 157, wherein the video file comprises a picture stored on the portable device (col.9 ln.4-7).

With respect to claim 160, Tranchina discloses the system of claim 157, wherein the video file comprises a video clip stored on the portable device (col.5 ln.27-32).

With respect to claim 161, Tranchina discloses the system of claim 157, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 162, Tranchina discloses the system of claim 140, wherein the audio file comprises a song stored on the portable device (col.5 ln.27-32).

With respect to claim 163, Tranchina discloses the system of claim 140, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the

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car audio/video system so that the display of the car audio/video system operates as an Internet browser (col.5 ln.33-47).

With respect to claim 164, Tranchina discloses a multimedia device integration system, comprising: an integration subsystem (fig.1 #110) in communication with a car audio/video system (fig.1 #104,170); and a first wireless interface (fig.1 #102,118,165) in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface (fig.1 #150) in communication with a portable device (fig.1 #106,108) external to the car audio/video system (col.5 ln.48-64), wherein said integration subsystem obtains, using said wireless communication link, information about an audio file received by the portable device, transmits the information to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and receives audio generated by the portable device over said wireless communication link for playing on the car audio/video system (col.6 ln.17-28, 53-67).

With respect to claim 165, Tranchina discloses the system of claim 164, wherein said integration subsystem (fig.1 #110) is positioned within the car audio/video system.

With respect to claim 166, Tranchina discloses the system of claim 165, wherein said first wireless interface (fig.1 #102,118,165) is positioned within the car audio/video system.

With respect to claim 167, Tranchina discloses the system of claim 166, wherein said second wireless interface (fig.1 #150) is positioned within the portable device.

With respect to claim 168, Tranchina discloses the system of claim 164, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby (col.7 ln.5-30).

With respect to claim 169, Tranchina discloses the system of claim 164, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 170, Tranchina discloses the system of claim 164, wherein said integration subsystem further comprises a voice recognition subsystem (fig.1 #120) for receiving and processing spoken control commands issued by a user (col.8 ln.50-60).

With respect to claim 171, Tranchina discloses the system of claim 170, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem (col.8 ln.50-60).

With respect to claim 172, Tranchina discloses the system of claim 164, wherein said integration subsystem further comprises a speech synthesizer (fig.1 #130) for generating synthesized speech corresponding to data generated by the portable device (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 173, Tranchina discloses the system of claim 172, wherein said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 174, Tranchina discloses the system of claim 164, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device (col.7 ln.13-16).

With respect to claim 175, Tranchina discloses the system of claim 164, wherein the portable device comprises a portable receiver (fig.1 #150, col.7 ln.21-26).

With respect to claim 176, Tranchina discloses the system of claim 175, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver (col.5 ln.33-38).

With respect to claim 177, Tranchina discloses the system of claim 164, wherein the portable device comprises a portable digital media player (col.5 ln.27-32).

With respect to claim 178, Tranchina discloses the system of claim 177, wherein the portable digital media player comprises a video device (col.5 ln.27-32), a portable

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media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

With respect to claim 179, Tranchina discloses the system of claim 164, wherein the portable device comprises a cellular telephone (col.5 ln.34-38).

With respect to claim 181, Tranchina discloses the system of claim 164, wherein said integration subsystem obtains, over said wireless communication link, information about a video file received by the portable device for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and receives video generated by the portable device over said wireless communication link for playing on the car audio/video system (col.6 ln.53-67, col.7 ln.21-26).

With respect to claim 182, Tranchina discloses the system of claim 180, wherein the video file comprises a streaming movie received by the portable device (col.5 ln.33-47).

With respect to claim 183, Tranchina discloses the system of Claim 180, wherein the video file comprises a picture received by the portable device (col.9 ln.4-7).

With respect to claim 184, Tranchina discloses the system of claim 180, wherein the video file comprises a streaming video clip received by the portable device (col.5 ln.33-47).

With respect to claim 185, Tranchina discloses the system of claim 180, wherein said integration subsystem receives video generated by the portable device in a first

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format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 186, Tranchina discloses the system of claim 164, wherein the audio file comprises a song stored on the portable device (col.5 ln.27-32).

With respect to claim 187, Tranchina discloses the system of claim 164, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser (col.5 ln.33-47).

With respect to claim 188, Tranchina discloses a multimedia device integration system, comprising: first (fig.1 #150) and second wireless (fig.1 #102,118,165) interfaces establishing a wireless communication link between a car audio/video system (fig.1 #104,170) and a portable device (fig.1 #106, 108) external to the car audio/video system; and an integration subsystem (fig.1 #110) in communication with said wireless communication link (col.5 ln.48-64), wherein said integration subsystem channels audio generated by the portable device to the car audio/video system using the wireless communication link for subsequent playing of the audio on the car audio/video system, the audio corresponding to an audio file played by the portable device (col.6 ln.17-28, 53-67), and wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes

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the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby (col.7 ln.5-30).

With respect to claim 189, Tranchina discloses the system of claim 188, wherein said integration subsystem is positioned within the portable device (col.6 ln.40-52).

With respect to claim 190, Tranchina discloses the system of claim 188, wherein said integration subsystem (fig.1 #110) is positioned within the car audio/video system.

With respect to claim 191, Tranchina discloses the system of claim 188, where the audio file is stored on the portable device (col.5 ln.27-32).

With respect to claim 192, Tranchina discloses the system of claim 188, wherein the audio file is received by the portable device (col.5 ln.33-45).

With respect to claim 195, Tranchina discloses the system of claim 188, wherein said integration subsystem further comprises a voice recognition subsystem (fig.1 #120) for receiving and processing spoken control commands issued by a user (col.8 ln.50-60).

With respect to claim 196, Tranchina discloses the system of claim 195, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem (col.8 ln.50-60).

With respect to claim 197, Tranchina discloses the system of claim 188, wherein said integration subsystem further comprises a speech synthesizer (fig.1 #130) for

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generating synthesized speech corresponding to data generated by the portable device (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 198, Tranchina discloses the system of claim 197, wherein said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 199, Tranchina discloses the system of claim 188, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device (col.7 ln.13-16).

With respect to claim 200, Tranchina discloses the system of claim 188, wherein the portable device comprises a portable receiver (fig.1 #150, col.7 ln.21-26).

With respect to claim 201, Tranchina discloses the system of claim 200, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver (col.5 ln.33-38).

With respect to claim 202, Tranchina discloses the system of claim 188, wherein the portable device comprises a portable digital media player (col.5 ln.27-32).

With respect to claim 203, Tranchina discloses the system of claim 202, wherein the portable digital media player comprises a video device (col.5 ln.27-32), a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

With respect to claim 204, Tranchina discloses the system of claim 188, wherein the portable device comprises a cellular telephone (col.5 ln.34-38).

With respect to claim 206, Tranchina discloses the system of claim 188, wherein said integration subsystem channels video generated by the portable device to the car audio/video system over the wireless communication link for subsequent playing of the audio on the car audio/video system, the video corresponding to a video file played by the portable device (col.6 ln.53-67).

With respect to claim 207, Tranchina discloses the system of claim 206, wherein the video file comprises a movie stored on the portable device (col.5 ln.27-32).

With respect to claim 208, Tranchina discloses the system of Claim 206, wherein the video file comprises a picture stored on the portable device (col.9 ln.4-7).

With respect to claim 209, Tranchina discloses the system of claim 206, wherein the video file comprises a video clip stored on the portable device (col.5 ln.27-32).

With respect to claim 210, Tranchina discloses the system of claim 206, wherein the video file comprises streaming video received by the portable device (col.5 ln.33-47).

With respect to claim 211, Tranchina discloses the system of claim 206, wherein the video file comprises a navigation map generated by the portable device (col.5 ln.33-47).

With respect to claim 212, Tranchina discloses the system of claim 206, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into

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processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 213, Tranchina discloses a multimedia device integration system, comprising: first (fig.1 #150) and second wireless interfaces (fig.1 #102,118,165) establishing a wireless communication link between a car audio/video system (fig.1 #104,170) and a portable device (fig.1 #106,108) external to the car audio/video system; and an integration subsystem (fig.1 #110) in communication with said wireless communication link (col.5 ln.48-64), wherein said integration subsystem channels audio generated by the portable device to the car audio/video system using the wireless communication link for subsequent playing of the audio on the car audio/video system, the audio corresponding to an audio file played by the portable device (col.6 ln.17-28, 53-67), and wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system (col.7 ln.5-30).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the

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invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 108, 132, 156, 180 and 205 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tranchina (US 7493645) in view of Chen (US 6134456).

With respect to claims 108, 132, 156, 180 and 205, Tranchina does not disclose expressly wherein the system further comprises a non-wireless connection established between the car audio/video system and the portable device.

Chen discloses a multimedia device integration system comprising an integration subsystem (fig.2 #5), wherein the system further comprises a non-wireless connection established between the car audio/video system (fig.2 #30) and the portable device (fig.2 #2). At the time of the invention it would have been obvious to a person of ordinary skill in the art to replace the wireless interfaces of Tranchina with the wired connection of Chen. The motivation for doing so would have been to eliminate the need for wireless transmitters and receivers. This would reduce production costs and eliminate wireless noise interference.

Response to Arguments

Applicant's arguments, see "Remarks", filed April 30, 2010, with respect to the rejection(s) of claim(s) 92, 116, 140, 164, 188 and 213 have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Tranchina (US 7493645) and Chen (US 6134456).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Moteki et al (US 6243645) discloses an audio-video output device and car navigation system.

Lavelle et al (US 6678892) discloses a multimedia entertainment unit for use in a vehicle.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JASON R. KURR whose telephone number is (571)272-0552. The examiner can normally be reached on M-F 10:00am to 6:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivian Chin can be reached on (571) 272-7848. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jason R Kurr/
Examiner, Art Unit 2614

/VIVIAN CHIN/
Supervisory Patent Examiner, Art Unit 2614

Notice of References Cited	Application/Control No. 11/475,847	Applicant(s)/Patent Under Reexamination MARLOWE, IRA	
	Examiner JASON R. KURR	Art Unit 2614	Page 1 of 1

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-7,493,645	02-2009	Tranchina, James R.	725/75
*	B	US-6,134,456	10-2000	Chen, Stephen	455/569.2
*	C	US-6,243,645	06-2001	Moteki et al.	701/211
*	D	US-6,678,892	01-2004	Lavelle et al.	725/75
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	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

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	P					
	Q					
	R					
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*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Search Notes



Application/Control No. 11/475,847	Applicant(s)/Patent under Reexamination MARLOWE, IRA	
Examiner JASON R. KURR	Art Unit 2614	

SEARCHED			
Class	Subclass	Date	Examiner
381	86	5/18/2009	JK
340	825.24	5/18/2009	JK
700	94	5/18/2009	JK
710	303	5/18/2009	JK
455	99	5/18/2009	JK
Update	Above	2/11/2011	JK
348	837,838	2/11/2011	JK
725	75	2/11/2011	JK
455	3.06	2/11/2011	JK

INTERFERENCE SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	DATE	EXMR
Inventor Search USC 101 Reviewed	5/18/2009	JK
Searched related apps 10/316961 11/805799 reviewed tagged docs	5/18/2009	JK
Searched: Portable devices interfacing with audio systems	2/9/2010	JK
Searched: Voice recognition in file selection	2/25/2010	JK
updated class Search Searched: TV and Video Distribution classes for tv in vehicles	2/11/2011	JK

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<p style="text-align: center;">Substitute for form 1449/PTO</p> <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;"><i>(Use as many sheets as necessary)</i></p>	<p style="text-align: center;">Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>11/475,847</td> </tr> <tr> <td>Filing Date</td> <td>06/27/2006</td> </tr> <tr> <td>First Named Inventor</td> <td>Ira Marlowe</td> </tr> <tr> <td>Art Unit</td> <td>2614</td> </tr> <tr> <td>Examiner Name</td> <td>Kurr, Jason R.</td> </tr> <tr> <td>Attorney Docket Number</td> <td>99879-00026</td> </tr> </table>	Application Number	11/475,847	Filing Date	06/27/2006	First Named Inventor	Ira Marlowe	Art Unit	2614	Examiner Name	Kurr, Jason R.	Attorney Docket Number	99879-00026
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U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
/JK/	1	US-	6,411,823	06/25/2002	Chen	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
/JK/	2	CN	1474252 (A) w/English Abstract	02-11-2004	Lenovo Beijing Co. Ltd.		

Examiner Signature	/Jason Kurr/	Date Considered	11/17/2010
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		Art Unit	2614
		Examiner Name	Kurr, Jason R.
Sheet 2	of 2	Attorney Docket Number	99879-00026

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/JK/	3	Copy of Official Action dated July 16, 2009, issued by the Mexican Institute of Industrial Property in connection with Mexican Patent Application No. PA/a/2006/002421, with an English translation (5 pages)	
/JK/	4	Copy of Official Action dated March 19, 2010, issued by the Mexican Institute of Industrial Property in connection with Mexican Patent Application No. PA/a/2006/002421, with an English translation (4 pages)	
/JK/	5	Copy of Office Action dated March 18, 2010, from co-pending Application No. 11/071,667 (13 pages)	

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Examiner Name		Kurr, Jason R.	
Attorney Docket Number		99879-00026	

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		Number-Kind Code ² (if known)				
/JK/	1	US-	7,151,950	12/19/2006	Oyang, et al.	
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/JK/	7	Copy of Office Action dated August 30, 2010, from co-pending Application No. 11/805,799 (13 pages)	
/JK/	8	Copy of Office Action dated July 20, 2010, from co-pending Application No. 10/732,909 (17 pages)	

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		Examiner Name	Kurr, Jason R.
		Attorney Docket Number	99879-00026
Sheet	1	of	2

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		Number-Kind Code ² (if known)			
/JK/	1	US- 6,990,208	01/24/2006	Lau, et al.	
/JK/	2	US- 6,721,489	04/13/2004	Benyamin, et al.	
/JK/	3	US- 6,772,212	08/03/2004	Lau, et al.	
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	11/475,847
		Filing Date	06/27/2006
		First Named Inventor	Ira Marlowe
		Art Unit	2614
		Examiner Name	Kurr, Jason R.
Sheet 2	of 2	Attorney Docket Number	99879-00026

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/JK/	5	Copy of Examiner's First Report dated April 29, 2010, issued by the Australian Patent Office in connection with Australian Patent Application No. 2006200895 (2 pages)	

Examiner Signature	/Jason Kurr/	Date Considered	11/17/2010
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	3	12/405164	US-PGPUB; USPAT	OR	OFF	2011/02/11 10:57
S55	1	"6411823".pn.	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:25
S56	1	"6990208".pn.	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:35
S57	1	"6721489".pn.	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:36
S58	1	"6772212".pn.	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:36
S59	1	"6192340".pn.	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:37
S60	1	"7151950".pn.	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:38
S61	1	"6816577".pn.	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:39
S62	1	"5537673".pn.	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:39
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S64	1	"20070294710".pn.	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:40
S65	1	"20030069000".pn.	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:41
S66	934	381/86.ccls.	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:45
S67	16	S66 and (integrat\$3 with portable)	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:46
S68	32	S66 and (display\$3 with portable)	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:46
S69	126	S66 and (cellular)	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:46
S70	54	S69 and (hands near free)	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:47
S71	38	S70 and display\$3	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:47
S72	225	381/334.ccls.	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:47

S73	6	S72 and (integrat\$3 with (vehicle stereo))	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:47
S74	24	S72 and (vehicle)	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:47
S75	37	S72 and (vehicle car automobile)	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:48
S76	26	S72 and cellular	US-PGPUB; USPAT	OR	OFF	2010/11/17 11:48
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S79	134	S78 and (display\$3)	US-PGPUB; USPAT	OR	OFF	2010/11/17 12:45
S80	78	S79 and command	US-PGPUB; USPAT	OR	ON	2010/11/17 12:45
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S82	55	S81 and integrat\$3	US-PGPUB; USPAT	OR	ON	2010/11/17 12:46
S83	449	marlowe.in.	US-PGPUB; USPAT	OR	ON	2010/11/17 12:46
S84	55	S83 and integrat\$3	US-PGPUB; USPAT	OR	ON	2010/11/17 12:47
S85	553	340/825.24,825.25.ccls.	US-PGPUB; USPAT	OR	ON	2010/11/17 12:53
S86	117	S85 and (car vehicle automobile)	US-PGPUB; USPAT	OR	ON	2010/11/17 12:53
S87	3	S86 and (integrat\$3 with portable)	US-PGPUB; USPAT	OR	ON	2010/11/17 12:53
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S91	22	S90 and (integrat\$3 with portable)	US-PGPUB; USPAT	OR	ON	2010/11/17 12:54
S92	364	455/99.ccls.	US-PGPUB; USPAT	OR	ON	2010/11/17 13:34
S93	269	S92 and (car automobile vehicle)	US-PGPUB; USPAT	OR	ON	2010/11/17 13:35
S94	96	S93 and integrat\$4	US-PGPUB; USPAT	OR	ON	2010/11/17 13:35
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S99	500	play\$3 with movie with (car vehicle automobile)	US-PGPUB; USPAT	OR	ON	2011/02/08 10:07
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S110	403	S109 and ((@ad @rlad) <="20021211")	US-PGPUB; USPAT	OR	OFF	2011/02/08 13:53
S111	173	S110 and (vehicle automobile car)	US-PGPUB; USPAT	OR	ON	2011/02/08 13:54
S112	393	S111 S108 S106	US-PGPUB; USPAT	OR	ON	2011/02/08 13:54

2/ 11/ 2011 2:39:13 PM

C:\ Documents and Settings\ jkurr\ My Documents\ EAST\ Workspaces\ 11475847.wsp

Index of Claims



Application/Control No.

11/475,847

Examiner

JASON R. KURR

Applicant(s)/Patent under Reexamination

MARLOWE, IRA

Art Unit

2614

✓	Rejected
=	Allowed

—	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claim		Date				
Final	Original	8/4/08	5/18/09	2/27/10	2/11/11	
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Claim		Date				
Final	Original	8/4/08	5/18/09	2/27/10	2/11/11	
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Claim		Date				
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Index of Claims (continued)



Application/Control No.

11/475,847

Examiner

JASON R. KURR

Applicant(s)/Patent under Reexamination

MARLOWE, IRA

Art Unit

2614

√	Rejected
=	Allowed

—	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claim		Date			
Final	Original	2/27/10	2/11/11		
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Claim		Date			
Final	Original	2/27/10	2/11/11		
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REQUEST FOR WITHDRAWAL AS ATTORNEY OR AGENT AND CHANGE OF CORRESPONDENCE ADDRESS	Application Number	11/475,847
	Filing Date	06/27/2006
	First Named Inventor	Ira M. Marlowe
	Art Unit	2614
	Examiner Name	Kurr, Jason R.
	Attorney Docket Number	99879-00026

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Please withdraw me as attorney or agent for the above identified patent application, and

- all the practitioners of record;
- the practitioners (with registration numbers) of record listed on the attached paper(s); or
- the practitioners of record associated with Customer Number: 27614

NOTE: The immediately preceding box should only be marked when the practitioners were appointed using the listed Customer Number.

The reason(s) for this request are those described in 37 CFR :

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> 10.40(b)(1) | <input type="checkbox"/> 10.40(b)(2) | <input type="checkbox"/> 10.40(b)(3) | <input type="checkbox"/> 10.40(b)(4) |
| <input type="checkbox"/> 10.40(c)(1)(i) | <input type="checkbox"/> 10.40(c)(1)(ii) | <input type="checkbox"/> 10.40(c)(1)(iii) | <input type="checkbox"/> 10.40(c)(1)(iv) |
| <input type="checkbox"/> 10.40(c)(1)(v) | <input checked="" type="checkbox"/> 10.40(c)(1)(vi) | <input type="checkbox"/> 10.40(c)(2) | <input type="checkbox"/> 10.40(c)(3) |
| <input type="checkbox"/> 10.40(c)(4) | <input type="checkbox"/> 10.40(c)(5) | <input type="checkbox"/> 10.40(c)(6) Please explain below: | |

Certifications

Check each box below that is factually correct. WARNING: If a box is left unchecked, the request will likely not be approved.

1. I/We have given reasonable notice to the client, prior to the expiration of the response period, that the practitioner(s) intend to withdraw from employment.
2. I/We have delivered to the client or a duly authorized representative of the client all papers and property (including funds) to which the client is entitled.
3. I/We have notified the client of any responses that may be due and the time frame within which the client must respond.

Please provide an explanation, if necessary:

[Page 1 of 2]

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REQUEST FOR WITHDRAWAL AS ATTORNEY OR AGENT AND CHANGE OF CORRESPONDENCE ADDRESS

Complete the following section only when the correspondence address will change. Changes of address will only be accepted to an inventor or an assignee that has properly made itself of record pursuant to 37 CFR 3.71.

Change the correspondence address and direct all future correspondence to:

A. The address of the inventor or assignee associated with Customer Number: _____

OR

B. Inventor or
Assignee name Ira M. Marlowe

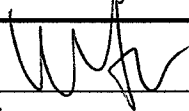
Address BlitzSafe of America, Inc., 33 Honeck Street

City Englewood State NJ Zip 07631 Country US

Telephone (201) 569-5000 Email i.marlowe@blitzsafe.com

I am authorized to sign on behalf of myself and all withdrawing practitioners.

Signature



Name

Michael R. Friscia

Registration No. 33,884

Address McCarter & English, LLP, 100 Mulberry Street, Four Gateway Center

City Newark State NJ Zip 07102 Country US

Date

5/6/11

Telephone No. (973) 639-8493

NOTE: Withdrawal is effective when approved rather than when received.

[Page 2 of 2]

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Acknowledgement Receipt

EFS ID:	10037701
Application Number:	11475847
International Application Number:	
Confirmation Number:	9001
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Customer Number:	27614
Filer:	Michael R. Friscia/Janelle Fava
Filer Authorized By:	Michael R. Friscia
Attorney Docket Number:	99879-00026
Receipt Date:	06-MAY-2011
Filing Date:	27-JUN-2006
Time Stamp:	14:36:56
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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Warnings:

Information:

Petitioners

2	Petition to withdraw attorney or agent (SB83)	Withdrawal.pdf	111414	no	2
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Warnings:

Information:

Total Files Size (in bytes):	144828
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Customer No. 27614
Confirmation No. 9001

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Examiner: Kurr, Jason R.
Art Unit: 2614

Re: Our file: 99879-00026
Applicant: Ira Marlowe
Serial No.: 11/475,847
Filed: 06/27/2006
For: Multimedia Device Integration System

Sir:

Enclosed for filing in the United States Patent and Trademark Office is the following:

1. Request for Withdrawal as Attorney or Agent and Change of Correspondence Address
2. Transmittal Sheet

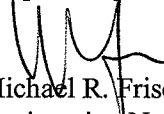
CONDITIONAL PETITION

If any extension of time is required for the submission of the above-identified items, Applicant requests that this be considered a petition therefor. Please charge any additional charges or any other charges relating to this matter, or credit any overpayment, to the Deposit Account of the writer, **Account No. 503571**.

5/6/11


Date

Respectfully submitted,


Michael R. Friscia
Registration No. 33,884
McCarter & English, LLP
Four Gateway Center
100 Mulberry Street
Newark, NJ 07102
Tel: (973) 639-8493
Fax: (973) 297-6627

CERTIFICATE OF ELECTRONIC FILING

I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office (via EFS-Web) on 5/6/2011.



Janelle Fava



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/475,847	06/27/2006	Ira Marlowe	99879-00026

CONFIRMATION NO. 9001

POWER OF ATTORNEY NOTICE



27614
MCCARTER & ENGLISH, LLP NEWARK
FOUR GATEWAY CENTER
100 MULBERRY STREET
NEWARK, NJ 07102

Date Mailed: 06/20/2011

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 05/06/2011.

- The withdrawal as attorney in this application has been accepted. Future correspondence will be mailed to the new address of record. 37 CFR 1.33.

/dcgoodwyn/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



MAILED

JUN 23 2011

OFFICE OF PETITIONS

**MCCARTER & ENGLISH, LLP NEWARK
FOUR GATEWAY CENTER
100 MULBERRY STREET
NEWARK NJ 07102**

In re Application of	:	
MARLOWE	:	
Application No. 11/475,847	:	DECISION ON PETITION
Filed: June 27, 2006	:	TO WITHDRAW
Attorney Docket No. 99879-00026	:	FROM RECORD
	:	

This is a decision on the Request to Withdraw as attorney or agent of record under 37 C.F.R. § 1.36(b), filed May 6, 2011.

The request is **APPROVED**.

A grantable request to withdraw as attorney/agent of record must be signed by every attorney/agent seeking to withdraw or contain a clear indication that one attorney is signing on behalf of another/others. The Office requires the practitioner(s) requesting withdrawal to certify that he, she, or they have: (1) given reasonable notice to the client, prior to the expiration of the response period, that the practitioner(s) intends to withdraw from employment; (2) delivered to the client or a duly authorized representative of the client all papers and property (including funds) to which the client is entitled; and (3) notified the client of any responses that may be due and the time frame within which the client must respond, pursuant 37 CFR 10.40(c).

The request was signed by Michael R. Friscia on behalf of the attorneys of record associated with Customer No. 27614.

The attorneys of record associated with Customer No. 27614 have been withdrawn.

Applicant is reminded that there is no attorney of record at this time.

The correspondence address of record has been changed and the new correspondence address is the address copied below until otherwise properly notified.

Telephone inquiries concerning this decision should be directed to the undersigned at (571) 272-6735.

/Diane C. Goodwyn/
Diane Goodwyn
Petitions Examiner
Office of Petitions

cc: IRA M. MARLOWE
BLITZSAFE OF AMERICA, INC.,
33 HONECK STREET
ENGLEWOOD NJ 07631



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/475,847	06/27/2006	Ira Marlowe	99879-00026

CONFIRMATION NO. 9001

POWER OF ATTORNEY NOTICE



27614
MCCARTER & ENGLISH, LLP NEWARK
FOUR GATEWAY CENTER
100 MULBERRY STREET
NEWARK, NJ 07102

Date Mailed: 06/20/2011

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 05/06/2011.

- The withdrawal as attorney in this application has been accepted. Future correspondence will be mailed to the new address of record. 37 CFR 1.33.

/dcgoodwyn/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 9001

SERIAL NUMBER 11/475,847	FILING OR 371(c) DATE 06/27/2006 RULE	CLASS 381	GROUP ART UNIT 2614	ATTORNEY DOCKET NO.
------------------------------------	---	---------------------	-------------------------------	----------------------------

APPLICANTS
 Ira Marlowe, Fort Lee, NJ;

**** CONTINUING DATA *******
 This application is a CIP of 11/071,667 03/03/2005
 which is a CIP of 10/732,909 12/10/2003
 which is a CIP of 10/316,961 12/11/2002 PAT 7,489,786

**** FOREIGN APPLICATIONS *******

IF REQUIRED, FOREIGN FILING LICENSE GRANTED **** SMALL ENTITY ****
 ** 07/24/2006

Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY NJ	SHEETS DRAWING 36	TOTAL CLAIMS 91	INDEPENDENT CLAIMS 7
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	Verified and Acknowledged Examiner's Signature _____ Initials _____			

ADDRESS
 IRA M. MARLOWE
 BLITZSAFE OF AMERICA, INC.
 33 HONECK STREET
 ENGLEWOOD, NJ07631

TITLE
 Multimedia device integration system

FILING FEE RECEIVED 3755	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees (Filing)
		<input type="checkbox"/> 1.17 Fees (Processing Ext. of time)
		<input type="checkbox"/> 1.18 Fees (Issue)
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	)	Group Art Unit: 2614
Ira Marlowe)	
	)	Examiner: Xu Mei
)	
Serial No.: 11/475,847	)	Attorney File No.: IM002
)	
Filed: June 27, 2006	)	Office Action Mailed On: 2/15/2011
)	
For: MULTIMEDIA DEVICE	)	Confirmation No.: 9001
INTEGRATION SYSTEM)	
.....)	

**Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

REPLY TO OFFICE ACTION

Sir:

In this Reply, Applicant responds to the outstanding Office action mailed on the date shown above (the "Office Action" hereinafter). The Office Action set a shortened statutory period of three months for reply. Applicant petitions for an extension of time of three months and submits the applicable small entity time extension fee herewith. If additional or other fees are necessary for filing of this paper and the papers filed with it, authorization is granted to charge such fees as they apply to a small entity to Deposit Account Number 50-3196.

Amendments to the claims are reflected in the listing of claims that begins on page 3 of this paper.

Remarks begin on page 29 of this paper.

REMARKS

Claim Status

Claims 92-192, and 195-214 will be pending in the instant application after entry of the above amendments. This paper does not cancel any claims; amends claims 92, 116, 140, 164, 188, 195, and 213; and adds new claim 214. The amendments are made without acquiescence to the rejections, without prejudice, without disclaimer, and without intent to dedicate to the public. Claims 92, 116, 140, 164, 188, 213, and 214 will be the independent claims of the application.

Office Action Summary

In the Office Action, the Examiner rejected claims 92-107, 109-131, 133-155, 157-179, 181-192, 195-204, and 206-213 under 35 U.S.C. § 102(e) as being anticipated by Tranchina, U.S. Patent Number 7,493,645 (“Tranchina” in this paper); and rejected claims 108, 132, 156, 180, and 205 under 35 U.S.C. § 103(a) as being unpatentable over Tranchina and Chen, U.S. Patent Number 6,134,456 (“Chen” in this paper).

Applicant respectfully responds to the Office Action.

Art Rejections

Independent claim 92 is set forth below:

92. (Previously Presented) A multimedia device integration system, comprising:

an integration subsystem in communication with a portable device, the portable device external to a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with the car audio/video system,

wherein said integration subsystem obtains information about an audio file stored on the portable device, transmits the information over said wireless communication link to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio ~~or video~~ file in response to a user selecting the audio file using controls of the car audio/video system, and transmits audio generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

In rejecting this claim, the Office Action asserted (page 3) that Tranchina discloses the limitation of the *wherein* clause in column 6, lines 17-29 and 53-67. We have perused the cited text of Tranchina, and do not see how the text can be construed to disclose (or even suggest), for example, an integration subsystem instructing the portable device to play an audio file in response to a user selecting the audio file using the controls of the car audio/video system (paraphrased). We believe it does not. If the rejection is repeated, we respectfully request to be advised how the text can be understood to disclose or suggest a user instructing the portable device to play the file on the portable device through the controls of the car audio/video system.

Elsewhere, the Office Action cites Tranchina's column 7, lines 5-30. In that cited text, Tranchina discloses, among other features, bi-directional transmissions by the console of Tranchina's invention. In particular, Tranchina discloses that

the wireless receiver 102 may communicate with the input device(s) (106 and/or 108) for control purposes. In such a case, the input device(s) (106 and/or 108) may employ a wireless transceiver instead of simply a wireless transmitter, and the wireless receiver 102 and the wireless transmitter 118 of the console 100 may be replaced by a wireless transceiver.

Tranchina, col. 7, lines 23-28. This text, however, does not specify what is meant by "control purposes"; it does not say that the "control purposes" may include allowing a user to instruct, through the car audio/video system, the portable device to play a file.

"A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." *Verdegaal Bros. v. Union*

Oil Co. of California, 814 F.2d 628, 631, 2 U.S.P.Q.2d 1051, 1053 (Fed. Cir. 1987). “The identical invention must be shown in as complete detail as is contained in the . . . claim.” *Richardson v. Suzuki Motor Co.*, 868 F.2d 1226, 1236, 9 U.S.P.Q.2d 1913, 1920 (Fed. Cir. 1989). (Both *Verdegaal* and *Richardson* cases are quoted with approval in MPEP § 2131.) Here, the reference does not disclose the integration subsystem that instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system. Therefore, Tranchina fails to anticipate claim 92.

Each of the independent claims 116, 140, 164, and 213 (as amended) recites limitations identical or analogous to the limitations of claim 92 discussed above. Applicant respectfully submits that Tranchina fails to anticipate each of these claims at least for the reasons state above in relation to claim 92.

Independent claim 188, as amended includes the following *wherein* clause: “wherein said integration subsystem receives a control command issued by a user through one or more controls of the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the formatted command to the portable device for execution thereby.” The claim therefore requires (paraphrasing) the subsystem to receive a user command issued through the controls of the car audio/video system, and convert the command into a format acceptable to the portable device. These limitations are similar to the limitations of claim 92 discussed above, but they do not limit the user-issued commands to play a file. Tranchina apparently contains no such disclosure (or even suggestion); in particular, Tranchina contains no such disclosure in the portions cited in the Office Action, which are the same ones we discussed above in relation to claim 92.

At least for these reasons, Applicant respectfully submits that Tranchina fails to anticipate claim 188.

Dependent claims 108, 132, 156, 180, and 205 were rejected as being unpatentable over Tranchina and Chen. Applicant respectfully submits that Chen fails to remedy the deficiencies of Tranchina discussed above. Each of these claims is therefore patentable over the reference, at least for this reason.

Dependent claims not addressed above should be patentable together with their respective base claims and intervening claim, if any.

New Claims

New independent claims 214 is a method claim analogous to the independent apparatus claim 92, and should be patentable at least for the same reasons as claim 92.

CONCLUSION

Having made an effort to bring the instant application in condition for allowance, a notice to this effect is earnestly solicited. To discuss any matter pertaining to the application, the Examiner is invited to call the undersigned attorney at (858) 720-9431.

Respectfully submitted,

Dated: August 15, 2011

/Anatoly S. Weiser/
Anatoly S. Weiser, Reg. No. 43,229
Acuity Law Group
3525 Del Mar Heights Road, #295
San Diego, CA 92130
(858) 720-9431

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		11475847	
	Filing Date		2006-06-27	
	First Named Inventor	Marlowe, Ira		
	Art Unit	2614		
	Examiner Name	MEI, XU		
	Attorney Docket Number	IM002		

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.		T ⁵

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	11475847
Filing Date	2006-06-27
First Named Inventor	Marlowe, Ira
Art Unit	2614
Examiner Name	MEI, XU
Attorney Docket Number	IM002

1	Office Action of 2 February 2011 in U.S. Patent Application Ser. No. 10/071,667, 18 pages	<input type="checkbox"/>
2	Office Action of 18 April 2011 in U.S. Patent Application Ser. No. 10/732,909, 18 pages	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button **Add**

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	11475847
Filing Date	2006-06-27
First Named Inventor	Marlowe, Ira
Art Unit	2614
Examiner Name	MEI, XU
Attorney Docket Number	IM002

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- See attached certification statement.
- The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Anatoly S. Weiser/	Date (YYYY-MM-DD)	2011-08-15
Name/Print	Anatoly S. Weiser	Registration Number	43229

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	)	Group Art Unit: 2614
Ira Marlowe)	
	)	Examiner: Xu Mei
)	
Serial No.: 11/475,847	)	Attorney File No.: IM002
)	
Filed: June 27, 2006	)	Office Action Mailed On: 2/15/2011
)	
For: MULTIMEDIA DEVICE	)	Confirmation No.: 9001
INTEGRATION SYSTEM)	
.....)	

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

INFORMATION DISCLOSURE STATEMENT

Sir:

Attached hereto are four pages of Form PTO-1449 (or substitute therefor) listing documents believed relevant to the above-referenced Application. Applicant respectfully requests that these documents be considered by the Examiner and an initialed copy of each page be returned to the undersigned.

This disclosure statement should not be construed as a representation that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

Applicant and his attorney believe that this disclosure complies with the requirements of 37 C.F.R. §§ 1.56, 1.97, and 1.98, and the Manual of Patent Examining Procedure § 609. If the Examiner considers otherwise, we respectfully request that the Examiner call the undersigned attorney so that any deficiencies can be remedied.

A copy of each document, other than U.S. patents and published applications, is enclosed. Some documents may have markings thereon. We do not intend any significance to attach to the markings.

These documents are not necessarily analogous art.

The disclosure information is being filed before the mailing of a final Office action, a notice of allowance, or other action closing prosecution of the application, after the filing of a request for continued examination under § 1.114. The fee under 37 C.F.R. 1.17(p) is filed herewith. Any deficiency in the fee or other fee necessary for consideration of the IDS and applicable to a small entity is authorized to be charged to Deposit Account Number 50-3196. The information should therefore be considered. MPEP § 609; 37 C.F.R. § 1.97(c)(2).

To discuss any matter pertaining to the above-referenced Application, the Examiner is invited to call the undersigned attorney at (858) 720-9431.

Respectfully submitted,

Dated: 8/15/2011

/Anatoly S. Weiser/
Anatoly S. Weiser
Acuity Law Group
3525 Del Mar Heights Road, #295
San Diego, CA 92130
(858) 720-9431
Reg. No. 43,229

Electronic Patent Application Fee Transmittal

Application Number:	11475847
Filing Date:	27-Jun-2006
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Filer:	Anatoly Weiser.
Attorney Docket Number:	

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 3 months with \$0 paid	2253	1	555	Petitioners ⁵⁵⁵

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				735

Electronic Patent Application Fee Transmittal

Application Number:	11475847
Filing Date:	27-Jun-2006
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Filer:	Anatoly Weiser.
Attorney Docket Number:	

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 3 months with \$0 paid	2253	1	555	Petitioners ⁵⁵⁵

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				735

Electronic Acknowledgement Receipt

EFS ID:	10740730
Application Number:	11475847
International Application Number:	
Confirmation Number:	9001
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Correspondence Address:	IRA M. MARLOWE - BLITZSAFE OF AMERICA, INC. 33 HONECK STREET ENGLEWOOD NJ 07631 US - -
Filer:	Anatoly Weiser.
Filer Authorized By:	
Attorney Docket Number:	
Receipt Date:	15-AUG-2011
Filing Date:	27-JUN-2006
Time Stamp:	18:13:28
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$735

Petitioners

RAM confirmation Number		6047			
Deposit Account					
Authorized User					
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Amendment/Req. Reconsideration-After Non-Final Reject	Amendment1-Image.pdf	4459081	no	34
			2f8c08501ba90f504c06b6e86af7f04bdd3e9c8d		
Warnings:					
Information:					
2	Information Disclosure Statement (IDS) Form (SB08)	IDS1-SB08.pdf	612322	no	4
			64672b540710f5bec4e140cd8f973bae6a18d52d		
Warnings:					
Information:					
A U.S. Patent Number Citation or a U.S. Publication Number Citation is required in the Information Disclosure Statement (IDS) form for autoloading of data into USPTO systems. You may remove the form to add the required data in order to correct the Informational Message if you are citing U.S. References. If you chose not to include U.S. References, the image of the form will be processed and be made available within the Image File Wrapper (IFW) system. However, no data will be extracted from this form. Any additional data such as Foreign Patent Documents or Non Patent Literature will be manually reviewed and keyed into USPTO systems.					
3	Transmittal Letter	IDS1-Transmittal-Image.pdf	268893	no	2
			cafeb55739baf1aad38eb51e086fb6fe673882ef		
Warnings:					
Information:					
4	Non Patent Literature	SerNo10732909OA2011April18.pdf	671317	no	18
			d17434087b89eeb159fe45b476749dcb3e2355a7		
Warnings:					
Information:					
5	Non Patent Literature	SerNo11071667OA2011February02.pdf	693012	no	18
			eded0b4012e2c76941908f8286e3739d456b5329		
Warnings:					
Information:					
6	Fee Worksheet (SB06)	fee-info.pdf	31381	no	2
			18d5f3c9ed184453a37de1f3a66818a5525eb01		
Warnings:					
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Total Files Size (in bytes):			6736006		

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		11475847	
	Filing Date		2006-06-27	
	First Named Inventor	Marlowe, Ira		
	Art Unit	2614		
	Examiner Name	MEI, XU		
	Attorney Docket Number	IM002		

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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20030215102		2003-11-20	Marlowe	all
	2	20040145457		2004-07-29	Schofiled et al.	all

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	11475847
	Filing Date	2006-06-27
	First Named Inventor	Marlowe, Ira
	Art Unit	2614
	Examiner Name	MEI, XU
	Attorney Docket Number	IM002

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	Official Action of 29 March 2011 in Chinese Patent Application 200610059421.7	<input type="checkbox"/>

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EXAMINER SIGNATURE

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	11475847
	Filing Date	2006-06-27
	First Named Inventor	Marlowe, Ira
	Art Unit	2614
	Examiner Name	MEI, XU
	Attorney Docket Number	IM002

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Anatoly S. Weiser/	Date (YYYY-MM-DD)	2011-08-15
Name/Print	Anatoly S. Weiser	Registration Number	43229

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	10741470
Application Number:	11475847
International Application Number:	
Confirmation Number:	9001
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Correspondence Address:	IRA M. MARLOWE - BLITZSAFE OF AMERICA, INC. 33 HONECK STREET ENGLEWOOD NJ 07631 US - -
Filer:	Anatoly Weiser.
Filer Authorized By:	
Attorney Docket Number:	
Receipt Date:	15-AUG-2011
Filing Date:	27-JUN-2006
Time Stamp:	19:15:26
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

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Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	IDS2-Transmittal-Image.pdf	269863 53808dce9ff42ad7eb80b9fa55f1e6a9397a958c	no	2

Warnings:

Information:

2	Information Disclosure Statement (IDS) Form (SB08)	IDS2-SB08.pdf	612295 86355af97c8f3982f9c841475d5863b751c0ad18	no	4
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Warnings:

Information:

3	Non Patent Literature	CN-OfficialAction2011March29.pdf	379704 1dec2886e9c569d55459a25a6d5bcdbc75b345af	no	9
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Warnings:

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Total Files Size (in bytes):			1261862		
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National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	Group Art Unit: 2614
Ira Marlowe)	
	)	Examiner: Xu Mei
)	
Serial No.: 11/475,847	)	Attorney File No.: IM002
)	
Filed: June 27, 2006	)	Office Action Mailed On: 2/15/2011
)	
For: MULTIMEDIA DEVICE	)	Confirmation No.: 9001
INTEGRATION SYSTEM)	
.....)	

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

INFORMATION DISCLOSURE STATEMENT

Sir:

Attached hereto are four pages of Form PTO-1449 (or substitute therefor) listing documents believed relevant to the above-referenced Application. Applicant respectfully requests that these documents be considered by the Examiner and an initialed copy of each page be returned to the undersigned.

This disclosure statement should not be construed as a representation that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

Applicant and his attorney believe that this disclosure complies with the requirements of 37 C.F.R. §§ 1.56, 1.97, and 1.98, and the Manual of Patent Examining Procedure § 609. If the Examiner considers otherwise, we respectfully request that the Examiner call the undersigned attorney so that any deficiencies can be remedied.

A copy of each document, other than U.S. patents and published applications, is enclosed. Some documents may have markings thereon. We do not intend any significance to attach to the markings.

These documents are not necessarily analogous art.

The disclosure information is being filed before the mailing of a final Office action, a notice of allowance, or other action closing prosecution of the application, after the filing of a request for continued examination under § 1.114. The fee under 37 C.F.R. 1.17(p) has already been submitted. Any deficiency in the fee or other fee necessary for consideration of the IDS and applicable to a small entity is authorized to be charged to Deposit Account Number 50-3196. The information should therefore be considered. MPEP § 609; 37 C.F.R. § 1.97(c)(2).

To discuss any matter pertaining to the above-referenced Application, the Examiner is invited to call the undersigned attorney at (858) 720-9431.

Respectfully submitted,

Dated: 8/15/2011

/Anatoly S. Weiser/
Anatoly S. Weiser
Acuity Law Group
3525 Del Mar Heights Road, #295
San Diego, CA 92130
(858) 720-9431
Reg. No. 43,229

CLAIM AMENDMENT

Please amend the claims in accordance with the following listing, which will replace all previous listings and versions of claims in this application.

Listing of Claims

1-91. (Cancelled)

92. (Currently Amended) A multimedia device integration system, comprising:

an integration subsystem in communication with a portable device, the portable device external to a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with the car audio/video system,

wherein said integration subsystem obtains information about an audio file stored on the portable device, transmits the information over said wireless communication link to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and transmits audio generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

93. (Previously Presented) The system of claim 92, wherein said integration subsystem is positioned within the portable device.

94. (Previously Presented) The system of claim 93, wherein said first wireless interface is positioned within the portable device.

95. (Previously Presented) The system of claim 94, wherein said second wireless interface is positioned within the car audio/video system.

96. (Previously Presented) The system of claim 91, wherein said integration subsystem receives, over said wireless communication link, a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

97. (Previously Presented) The system of claim 92, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system over the wireless communication link for subsequent display of the processed data on a display of the car audio/video system.

98. (Previously Presented) The system of claim 92, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

99. (Previously Presented) The system of claim 98, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

100. (Previously Presented) The system of claim 92, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

101. (Previously Presented) The system of claim 100, wherein said integration subsystem transmits the synthesized speech to the car audio/video system over said wireless communication link for subsequent playing of the synthesized speech by the car audio/video system.

102. (Previously Presented) The system of claim 92, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system over said wireless communications link to maintain the car audio/video system in a state responsive to the portable device.

103. (Previously Presented) The system of claim 92, wherein the portable device comprises a portable receiver.

104. (Previously Presented) The system of claim 103, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

105. (Previously Presented) The system of claim 92, wherein the portable device comprises a portable digital media player.

106. (Previously Presented) The system of claim 105, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

107. (Previously Presented) The system of claim 92, wherein the portable device comprises a cellular telephone.

108. (Previously Presented) The system of claim 92, further comprising a non-wireless connection established between the car audio/video system and the portable device.

109. (Previously Presented) The system of claim 92, wherein said integration subsystem transmits, over said wireless communication link, information about a video file stored on the portable device to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and transmits video generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

110. (Previously Presented) The system of claim 109, wherein the video file comprises a movie stored on the portable device.

111. (Previously Presented) The system of Claim 109, wherein the video file comprises a picture stored on the portable device.

112. (Previously Presented) The system of claim 109, wherein the video file comprises a video clip stored on the portable device.

113. (Previously Presented) The system of claim 109, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video over the wireless communication link to the

car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

114. (Previously Presented) The system of claim 92, wherein the audio file comprises a song stored on the portable device.

115. (Previously Presented) The system of claim 92, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser.

116. (Currently Amended) A multimedia device integration system, comprising:

an integration subsystem in communication with a portable device, the portable device external to a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with the car audio/video system,

wherein said integration subsystem obtains information about an audio file received by the portable device, transmits the information over said wireless communication link to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and transmits audio generated by the portable

device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

117. (Previously Presented) The system of claim 116, wherein said integration subsystem is positioned within the portable device.

118. (Previously Presented) The system of claim 117, wherein said first wireless interface is positioned within the portable device.

119. (Previously Presented) The system of claim 118, wherein said second wireless interface is positioned within the car audio/video system.

120. (Previously Presented) The system of claim 116, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

121. (Previously Presented) The system of claim 116, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the

processed data to the car audio/video system over the wireless communication link for subsequent display of the processed data on a display of the car audio/video system.

122. (Previously Presented) The system of claim 116, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

123. (Previously Presented) The system of claim 122, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

124. (Previously Presented) The system of claim 116, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

125. (Previously Presented) The system of claim 124, wherein said integration subsystem transmits the synthesized speech to the car audio/video system over said wireless communication link for subsequent playing of the synthesized speech by the car audio/video system.

126. (Previously Presented) The system of claim 116, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system over

said wireless communications link to maintain the car audio/video system in a state responsive to the portable device.

127. (Previously Presented) The system of claim 116, wherein the portable device comprises a portable receiver.

128. (Previously Presented) The system of claim 127, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

129. (Previously Presented) The system of claim 116, wherein the portable device comprises a portable digital media player.

130. (Previously Presented) The system of claim 129, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

131. (Previously Presented) The system of claim 116, wherein the portable device comprises a cellular telephone.

132. (Previously Presented) The system of claim 116, further comprising a non-wireless connection established between the car audio/video system and the portable device.

133. (Previously Presented) The system of claim 116, wherein said integration subsystem transmits, over said wireless communication link, information about a video file received by the portable device to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and transmits video generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

134. (Previously Presented) The system of claim 133, wherein the video file comprises a streaming movie received by the portable device.

135. (Previously Presented) The system of Claim 133, wherein the video file comprises a picture received by the portable device.

136. (Previously Presented) The system of claim 133, wherein the video file comprises a streaming video clip received by the portable device.

137. (Previously Presented) The system of claim 116, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video over the wireless communication link to the

car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

138. (Previously Presented) The system of claim 116, wherein the audio file comprises a song received by the portable device.

139. (Previously Presented) The system of claim 116, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser.

140. (Currently Amended) A multimedia device integration system, comprising:

an integration subsystem in communication with a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with a portable device external to the car audio/video system,

wherein said integration subsystem obtains, using said wireless communication link, information about an audio file stored on the portable device, transmits the information to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio ~~or video~~ file in response to a user selecting the audio file using controls of the car audio/video system, and receives audio generated by the portable device over said wireless communication link for playing on the car audio/video system.

141. (Previously Presented) The system of claim 140, wherein said integration subsystem is positioned within the car audio/video system.

142. (Previously Presented) The system of claim 141, wherein said first wireless interface is positioned within the car audio/video system.

143. (Previously Presented) The system of claim 142, wherein said second wireless interface is positioned within the portable device.

144. (Previously Presented) The system of claim 140, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

145. (Previously Presented) The system of claim 140, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system.

146. (Previously Presented) The system of claim 140, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

147. (Previously Presented) The system of claim 150, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

148. (Previously Presented) The system of claim 140, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

149. (Previously Presented) The system of claim 148, wherein said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system.

150. (Previously Presented) The system of claim 140, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device.

151. (Previously Presented) The system of claim 140, wherein the portable device comprises a portable receiver.

152. (Previously Presented) The system of claim 151, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

153. (Previously Presented) The system of claim 140, wherein the portable device comprises a portable digital media player.

154. (Previously Presented) The system of claim 153, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

155. (Previously Presented) The system of claim 140, wherein the portable device comprises a cellular telephone.

156. (Previously Presented) The system of claim 140, further comprising a non-wireless connection established between the car audio/video system and the portable device.

157. (Previously Presented) The system of claim 140, wherein said integration subsystem obtains, using said wireless communication link, information about a video file stored on the portable device

for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and receives video generated by the portable device over said wireless communication link for playing on the car audio/video system.

158. (Previously Presented) The system of claim 157, wherein the video file comprises a movie stored on the portable device.

159. (Previously Presented) The system of Claim 157, wherein the video file comprises a picture stored on the portable device.

160. (Previously Presented) The system of claim 157, wherein the video file comprises a video clip stored on the portable device.

161. (Previously Presented) The system of claim 157, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

162. (Previously Presented) The system of claim 140, wherein the audio file comprises a song stored on the portable device.

163. (Previously Presented) The system of claim 140, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser.

164. (Currently Amended) A multimedia device integration system, comprising:

an integration subsystem in communication with a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with a portable device external to the car audio/video system,

wherein said integration subsystem obtains, using said wireless communication link, information about an audio file received by the portable device, transmits the information to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio or video file in response to a user selecting the audio file using controls of the car audio/video system, and receives audio generated by the portable device over said wireless communication link for playing on the car audio/video system.

165. (Previously Presented) The system of claim 164, wherein said integration subsystem is positioned within the car audio/video system.

166. (Previously Presented) The system of claim 165, wherein said first wireless interface is positioned within the car audio/video system.

167. (Previously Presented) The system of claim 166, wherein said second wireless interface is positioned within the portable device.

168. (Previously Presented) The system of claim 164, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

169. (Previously Presented) The system of claim 164, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system.

170. (Previously Presented) The system of claim 164, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

171. (Previously Presented) The system of claim 170, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

172. (Previously Presented) The system of claim 164, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

173. (Previously Presented) The system of claim 172, wherein said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system.

174. (Previously Presented) The system of claim 164, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device.

175. (Previously Presented) The system of claim 164, wherein the portable device comprises a portable receiver.

176. (Previously Presented) The system of claim 175, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

177. (Previously Presented) The system of claim 164, wherein the portable device comprises a portable digital media player.

178. (Previously Presented) The system of claim 177, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

179. (Previously Presented) The system of claim 164, wherein the portable device comprises a cellular telephone.

180. (Previously Presented) The system of claim 164, further comprising a non-wireless connection established between the car audio/video system and the portable device.

181. (Previously Presented) The system of claim 164, wherein said integration subsystem obtains, over said wireless communication link, information about a video file received by the portable device for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls

of the car audio/video system, and receives video generated by the portable device over said wireless communication link for playing on the car audio/video system.

182. (Previously Presented) The system of claim 180, wherein the video file comprises a streaming movie received by the portable device.

183. (Previously Presented) The system of Claim 180, wherein the video file comprises a picture received by the portable device.

184. (Previously Presented) The system of claim 180, wherein the video file comprises a streaming video clip received by the portable device.

185. (Previously Presented) The system of claim 180, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

186. (Previously Presented) The system of claim 164, wherein the audio file comprises a song stored on the portable device.

187. (Previously Presented) The system of claim 164, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser.

188. (Currently Amended) A multimedia device integration system, comprising:

first and second wireless interfaces establishing a wireless communication link between a car audio/video system and a portable device external to the car audio/video system; and

an integration subsystem in communication with said wireless communication link,

wherein said integration subsystem channels audio generated by the portable device to the car audio/video system using the wireless communication link for subsequent playing of the audio on the car audio/video system, the audio corresponding to an audio file played by the portable device, and

wherein said integration subsystem receives a control command issued by a user through one or more controls of ~~at~~ the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the ~~processed control~~ formatted command to the portable device for execution thereby.

189. (Previously Presented) The system of claim 188, wherein said integration subsystem is positioned within the portable device.

190. (Previously Presented) The system of claim 188, wherein said integration subsystem is positioned within the car audio/video system.

191. (Previously Presented) The system of claim 188, where the audio file is stored on the portable device.

192. (Previously Presented) The system of claim 188, wherein the audio file is received by the portable device.

193. (Cancelled)

194. (Cancelled)

195. (Currently Amended) The system of claim 188, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a the user.

196. (Previously Presented) The system of claim 195, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

197. (Previously Presented) The system of claim 188, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

198. (Previously Presented) The system of claim 197, wherein said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system.

199. (Previously Presented) The system of claim 188, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device.

200. (Previously Presented) The system of claim 188, wherein the portable device comprises a portable receiver.

201. (Previously Presented) The system of claim 200, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

202. (Previously Presented) The system of claim 188, wherein the portable device comprises a portable digital media player.

203. (Previously Presented) The system of claim 202, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

204. (Previously Presented) The system of claim 188, wherein the portable device comprises a cellular telephone.

205. (Previously Presented) The system of claim 188, further comprising a non-wireless connection established between the car audio/video system and the portable device.

206. (Previously Presented) The system of claim 188, wherein said integration subsystem channels video generated by the portable device to the car audio/video system over the wireless communication link for subsequent playing of the audio on the car audio/video system, the video corresponding to a video file played by the portable device.

207. (Previously Presented) The system of claim 206, wherein the video file comprises a movie stored on the portable device.

208. (Previously Presented) The system of Claim 206, wherein the video file comprises a picture stored on the portable device.

209. (Previously Presented) The system of claim 206, wherein the video file comprises a video clip stored on the portable device.

210. (Previously Presented) The system of claim 206, wherein the video file comprises streaming video received by the portable device.

211. (Previously Presented) The system of claim 206, wherein the video file comprises a navigation map generated by the portable device.

212. (Previously Presented) The system of claim 206, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

213. (Currently Amended) A multimedia device integration system, comprising:

first and second wireless interfaces establishing a wireless communication link between a car audio/video system and a portable device external to the car audio/video system; and

an integration subsystem in communication with said wireless communication link,

wherein said integration subsystem instructs the portable device to play an audio file in response to a user selecting the audio file using controls of the car audio/video system,

wherein said integration subsystem channels audio generated by the portable device to the car

audio/video system using the wireless communication link for subsequent playing of the audio on the car audio/video system, the audio corresponding to ~~an~~ the audio file played by the portable device, and

wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system.

214. (New) A method of playing a media file on an entertainment system installed in a vehicle, the method comprising:

establishing a first communication link between an integration subsystem and a portable device, the portable device being configured to store the media file or to receive the media file, the portable device being external to the entertainment system installed in the vehicle;

establishing a second wireless link between the integration subsystem and the entertainment system installed in the vehicle;

receiving, at the integration subsystem, a command to play the media file from a user of the entertainment system, the command being entered by the user through one or more controls of the entertainment system;

in response to the command, sending a signal from the integration subsystem to the portable device, the signal causing the portable device to play the media file;

receiving, at the integration subsystem, a first signal containing audio generated by the portable device from the media file;

sending, from the integration subsystem, a second signal containing the audio to the entertainment system, thereby causing the entertainment system to play the audio.

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/475,847	Filing Date 06/27/2006	<input type="checkbox"/> To be Mailed
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APPLICATION AS FILED – PART I			OTHER THAN SMALL ENTITY			
	(Column 1)	(Column 2)	SMALL ENTITY <input checked="" type="checkbox"/>	OR		
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A		N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (j), or (m))</small>	N/A	N/A	N/A		N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A		N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(j))</small>	minus 20 =	*	X \$ =	OR	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =		X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).					
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>						
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL		TOTAL	

APPLICATION AS AMENDED – PART II					OTHER THAN SMALL ENTITY			
	(Column 1)	(Column 2)	(Column 3)					
AMENDMENT	08/15/2011	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	* 121	Minus ** 121	= 0	X \$26 =	0	OR	X \$ =
	Independent <small>(37 CFR 1.16(h))</small>	* 7	Minus *** 7	= 0	X \$110 =	0	OR	X \$ =
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>						OR	
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR	
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE

	(Column 1)	(Column 2)	(Column 3)					
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	*	Minus **	=	X \$ =		OR	X \$ =
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus ***	=	X \$ =		OR	X \$ =
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>						OR	
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR	
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/SHANDA ROSS/

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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
11/475,847 06/27/2006 Ira Marlowe 9001

7590 11/29/2011
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EXAMINER

MEI, XU

ART UNIT PAPER NUMBER

2614

MAIL DATE DELIVERY MODE

11/29/2011

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

DETAILED ACTION

This communication is responsive to the applicant's amendment dated 08/15/2011. Claims 92-192, and 195-214 are currently pending.

Claim Objections

Claims 96 and 147 are objected to because of the following informalities: claim 96 is depending on cancelled claim 91, it appears claim 96 should be depending on claim 92; claim 147 is depending on claim 150, it appears claim 147 should be depending on claim 140. Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 92-107, 109-131, 133-155, 157-179, 181-192, 195-204 and 206-214 are rejected under 35 U.S.C. 102(e) as being anticipated by Tranchina (US 7,493,645).

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With respect to claim 92, Tranchina discloses a multimedia device integration system, comprising: an integration subsystem (fig.1 #110) in communication with a portable device (fig.1 #106,108), the portable device external to a car audio/video system (fig.1 #104,170); and a first wireless interface (fig.1 #150) in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface (fig.1 #102,118,165) in communication with the car audio/video system (col.5 ln.48-64), wherein said integration subsystem obtains information about an audio file stored on the portable device, transmits the information over said wireless communication link to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio file in response to a user selecting the audio file using controls of the car audio/video system (col. 8, ln.24-49, with wireless transmitter is operative coupled to the controls of the accessories commonly found in the dashboard of the vehicle/car, such as controls for the radio and/or stereo, which allow user using controls of the car audio/video system to control audio file reproduction), and transmits audio ,generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system (col.6 ln.17-28, ln. 53-col. 7, ln.4).

Method claim 214 are rejected for the same reasoning as set forth for the rejection of apparatus claim 92 since the apparatus claims perform the same functions as the method claims, and the method claim 214 is analogous to apparatus claim 92.

With respect to claim 93, Tranchina discloses the system of claim 92, wherein said integration subsystem is positioned within the portable device (col.6 ln.40-52).

With respect to claim 94, Tranchina discloses the system of claim 93, wherein said first wireless interface (fig.1 #150) is positioned within the portable device.

With respect to claim 95, Tranchina discloses the system of claim 94, wherein said second wireless interface (fig.1 #102,118,165) is positioned within the car audio/video system.

With respect to claim 96, Tranchina discloses the system of claim **92**, wherein said integration subsystem receives, over said wireless communication link, a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby (col.7 ln.5-30).

With respect to claim 97, Tranchina discloses the system of claim 92, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system over the wireless communication link for subsequent display of the processed data on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 98, Tranchina discloses the system of claim 92, wherein said integration subsystem further comprises a voice recognition subsystem (fig.1 #120) for receiving and processing spoken control commands issued by a user (col.8 ln.50-60).

With respect to claim 99, Tranchina discloses the system of claim 98, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem (col.8 ln.50-60).

With respect to claim 100, Tranchina discloses the system of claim 92, wherein said integration subsystem further comprises a speech synthesizer (fig.1 #130) for generating synthesized speech corresponding to data generated by the portable device (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 101, Tranchina discloses the system of claim 100, wherein said integration subsystem transmits the synthesized speech to the car audio/video system over said wireless communication link for subsequent playing of the synthesized speech by the car audio/video system (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 102, Tranchina discloses the system of claim 92, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system over said wireless communications link to maintain the car audio/video system in a state responsive to the portable device (col.7 ln.13-16).

With respect to claim 103, Tranchina discloses the system of claim 92, wherein the portable device comprises a portable receiver (fig.1 #150, col.7 ln.21-26).

With respect to claim 104, Tranchina discloses the system of claim 103, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver (col.5 ln.33-38).

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With respect to claim 105, Tranchina discloses the system of claim 92, wherein the portable device comprises a portable digital media player (col.5 ln.27-32).

With respect to claim 106, Tranchina discloses the system of claim 105, wherein the portable digital media player comprises a video device (col.5 ln.27-32), a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

With respect to claim 107, Tranchina discloses the system of claim 92, wherein the portable device comprises a cellular telephone (col.5 ln.34-38).

With respect to claim 109, Tranchina discloses the system of claim 92, wherein said integration subsystem transmits, over said wireless communication link, information about a video file stored on the portable device to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and transmits video generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system (col.6 ln.53-67, col.7 ln.21-26).

With respect to claim 110, Tranchina discloses the system of claim 109, wherein the video file comprises a movie stored on the portable device (col.5 ln.27-32).

With respect to claim 111, Tranchina discloses the system of Claim 109, wherein the video file comprises a picture stored on the portable device (col.9 ln.4-7).

With respect to claim 112, Tranchina discloses the system of claim 109, wherein the video file comprises a video clip stored on the portable device (col.5 ln.27-32).

With respect to claim 113, Tranchina discloses the system of claim 109, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video over the wireless communication link to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 114, Tranchina discloses the system of claim 92, wherein the audio file comprises a song stored on the portable device (col.5 ln.27-32).

With respect to claim 115, Tranchina discloses the system of claim 92, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser (col.5 ln.33-47).

With respect to claim 116, Tranchina discloses a multimedia device integration system, comprising: an integration subsystem (fig.1 #110) in communication with a portable device (fig.1 #106,108), the portable device external to a car audio/video system (fig.1 #104,170); and a first wireless interface (fig.1 #150) in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface (fig.1 #102,118,165) in communication with the car audio/video system (col.5 ln.48-64), wherein said

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integration subsystem obtains information about an audio file received by the portable device, transmits the information over said wireless communication link to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio file using controls of the car audio/video system (col. 8, ln.24-49, with wireless transmitter is operative coupled to the controls of the accessories commonly found in the dashboard of the vehicle/car, such as controls for the radio and/or stereo, which allow user using controls of the car audio/video system to control audio file reproduction), and transmits audio generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system (col.6 ln.17-28, ln.53-col.7, ln.4).

With respect to claim 117, Tranchina discloses the system of claim 116, wherein said integration subsystem is positioned within the portable device (col.6 ln.40-52).

With respect to claim 118, Tranchina discloses the system of claim 117, wherein said first wireless interface (fig.1 #150) is positioned within the portable device.

With respect to claim 119, Tranchina discloses the system of claim 118, wherein said second wireless interface (fig.1 #102,118,165) is positioned within the car audio/video system.

With respect to claim 120, Tranchina discloses the system of claim 116, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and

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dispatches the processed control command to the portable device for execution thereby (col.7 ln.5-30).

With respect to claim 121, Tranchina discloses the system of claim 116, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system over the wireless communication link for subsequent display of the processed data on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 122, Tranchina discloses the system of claim 116, wherein said integration subsystem further comprises a voice recognition subsystem (fig.1 #120) for receiving and processing spoken control commands issued by a user (col.8 ln.50-60).

With respect to claim 123, Tranchina discloses the system of claim 122, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem (col.8 ln.50-60).

With respect to claim 124, Tranchina discloses the system of claim 116, wherein said integration subsystem further comprises a speech synthesizer (fig.1 #130) for generating synthesized speech corresponding to data generated by the portable device (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 125, Tranchina discloses the system of claim 124, wherein said integration subsystem transmits the synthesized speech to the car audio/video

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system over said wireless communication link for subsequent playing of the synthesized speech by the car audio/video system (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 126, Tranchina discloses the system of claim 116, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system over said wireless communications link to maintain the car audio/video system in a state responsive to the portable device (col.7 ln.13-16).

With respect to claim 127, Tranchina discloses the system of claim 116, wherein the portable device comprises a portable receiver (fig.1 #150, col.7 ln.21-26).

With respect to claim 128, Tranchina discloses the system of claim 127, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver (col.5 ln.33-38).

With respect to claim 129, Tranchina discloses the system of claim 116, wherein the portable device comprises a portable digital media player (col.5 ln.27-32).

With respect to claim 130, Tranchina discloses the system of claim 129, wherein the portable digital media player comprises a video device (col.5 ln.27-32), a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

With respect to claim 131, Tranchina discloses the system of claim 116, wherein the portable device comprises a cellular telephone (col.5 ln.34-38).

With respect to claim 133, Tranchina discloses the system of claim 116, wherein said integration subsystem transmits, over said wireless communication link, information

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about a video file received by the portable device to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and transmits video generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system (col.6 ln.53-67, col.7 ln.21-26).

With respect to claim 134, Tranchina discloses the system of claim 133, wherein the video file comprises a streaming movie received by the portable device (col.5 ln.33-47).

With respect to claim 135, Tranchina discloses the system of Claim 133, wherein the video file comprises a picture received by the portable device (col.9 ln.4-7).

With respect to claim 136, Tranchina discloses the system of claim 133, wherein the video file comprises a streaming video clip received by the portable device (col.5 ln.33-47).

With respect to claim 137, Tranchina discloses the system of claim 116, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video over the wireless communication link to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 138, Tranchina discloses the system of claim 116, wherein the audio file comprises a song received by the portable device (col.5 ln.27-32).

With respect to claim 139, Tranchina discloses the system of claim 116, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser (col.5 ln.33-47).

With respect to claim 140, Tranchina discloses a multimedia device integration system, comprising: an integration subsystem (fig.1 #110) in communication with a car audio/video system (fig.1 #104,170); and a first wireless interface (fig.1 #102,118,165) in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface (fig.1 #150) in communication with a portable device (fig.1 #106,108) external to the car audio/video system (col.5 ln.48-64), wherein said integration subsystem obtains, using said wireless communication link, information about an audio file stored on the portable device, transmits the information to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio file using controls of the car audio/video system (col. 8, ln.24-49, with wireless transmitter is operative coupled to the controls of the accessories commonly found in the dashboard of the vehicle/car, such as controls for the radio and/or stereo, which allow user using controls of the car audio/video system to control audio file reproduction), and receives audio generated by the portable device over said wireless

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communication link for playing on the car audio/video system (col.6 ln.17-28, ln.53-col.7, ln.4).

With respect to claim 141, Tranchina discloses the system of claim 140, wherein said integration subsystem (fig.1 #110) is positioned within the car audio/video system.

With respect to claim 142, Tranchina discloses the system of claim 141, wherein said first wireless interface (fig.1 #102,118,165) is positioned within the car audio/video system.

With respect to claim 143, Tranchina discloses the system of claim 142, wherein said second wireless interface (fig.1 #150) is positioned within the portable device.

With respect to claim 144, Tranchina discloses the system of claim 140, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby (col.7 ln.5-30).

With respect to claim 145, Tranchina discloses the system of claim 140, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 146, Tranchina discloses the system of claim 140, wherein said integration subsystem further comprises a voice recognition subsystem (fig.1 #120) for receiving and processing spoken control commands issued by a user (col.8 ln.50-60).

With respect to claim 147, Tranchina discloses the system of claim **140**, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem (col.8 ln.50-60).

With respect to claim 148, Tranchina discloses the system of claim 140, wherein said integration subsystem further comprises a speech synthesizer (fig.1 #130) for generating synthesized speech corresponding to data generated by the portable device (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 149, Tranchina discloses the system of claim 148, wherein .said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 150, Tranchina discloses the system of claim 140, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device (col.7 ln.13-16).

With respect to claim 151, Tranchina discloses the system of claim 140, wherein the portable device comprises a portable receiver (fig.1 #150, col.7 ln.21-26).

With respect to claim 152, Tranchina discloses the system of claim 151, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver (col.5 ln.33-38).

With respect to claim 153, Tranchina discloses the system of claim 140, wherein the portable device comprises a portable digital media player (col.5 ln.27-32).

With respect to claim 154, Tranchina discloses the system of claim 153, wherein the portable digital media player comprises a video device (col.5 ln.27-32), a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

With respect to claim 155, Tranchina discloses the system of claim 140, wherein the portable device comprises a cellular telephone (col.5 ln.34-38).

With respect to claim 157, Tranchina discloses the system of claim 140, wherein said integration subsystem obtains, using said wireless communication link, information about a video file stored on the portable device for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and receives video generated by the portable device over said wireless communication link for playing on the car audio/video system (col.6 ln.53-67, col.7 ln.21-26).

With respect to claim 158, Tranchina discloses the system of claim 157, wherein the video file comprises a movie stored on the portable device (col.5 ln.27-32).

With respect to claim 159, Tranchina discloses the system of Claim 157, wherein the video file comprises a picture stored on the portable device (col.9 ln.4-7).

With respect to claim 160, Tranchina discloses the system of claim 157, wherein the video file comprises a video clip stored on the portable device (col.5 ln.27-32).

With respect to claim 161, Tranchina discloses the system of claim 157, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 162, Tranchina discloses the system of claim 140, wherein the audio file comprises a song stored on the portable device (col.5 ln.27-32).

With respect to claim 163, Tranchina discloses the system of claim 140, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser (col.5 ln.33-47).

With respect to claim 164, Tranchina discloses a multimedia device integration system, comprising: an integration subsystem (fig.1 #110) in communication with a car audio/video system (fig.1 #104,170); and a first wireless interface (fig.1 #102,118,165) in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface (fig.1 #150)

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in communication with a portable device (fig.1 #106,108) external to the car audio/video system (col.5 ln.48-64), wherein said integration subsystem obtains, using said wireless communication link, information about an audio file received by the portable device, transmits the information to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio file using controls of the car audio/video system (col. 8, ln.24-49, with wireless transmitter is operative coupled to the controls of the accessories commonly found in the dashboard of the vehicle/car, such as controls for the radio and/or stereo, which allow user using controls of the car audio/video system to control audio file reproduction), and receives audio generated by the portable device over said wireless communication link for playing on the car audio/video system (col.6 ln.17-28, 53-67).

With respect to claim 165, Tranchina discloses the system of claim 164, wherein said integration subsystem (fig.1 #110) is positioned within the car audio/video system.

With respect to claim 166, Tranchina discloses the system of claim 165, wherein said first wireless interface (fig.1 #102,118,165) is positioned within the car audio/video system.

With respect to claim 167, Tranchina discloses the system of claim 166, wherein said second wireless interface (fig.1 #150) is positioned within the portable device.

With respect to claim 168, Tranchina discloses the system of claim 164, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and

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dispatches the processed control command to the portable device for execution thereby (col.7 ln.5-30).

With respect to claim 169, Tranchina discloses the system of claim 164, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 170, Tranchina discloses the system of claim 164, wherein said integration subsystem further comprises a voice recognition subsystem (fig.1 #120) for receiving and processing spoken control commands issued by a user (col.8 ln.50-60).

With respect to claim 171, Tranchina discloses the system of claim 170, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem (col.8 ln.50-60).

With respect to claim 172, Tranchina discloses the system of claim 164, wherein said integration subsystem further comprises a speech synthesizer (fig.1 #130) for generating synthesized speech corresponding to data generated by the portable device (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 173, Tranchina discloses the system of claim 172, wherein said integration subsystem transmits the synthesized speech to the car audio/video

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system for subsequent playing of the synthesized speech by the car audio/video system (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 174, Tranchina discloses the system of claim 164, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device (col.7 ln.13-16).

With respect to claim 175, Tranchina discloses the system of claim 164, wherein the portable device comprises a portable receiver (fig.1 #150, col.7 ln.21-26).

With respect to claim 176, Tranchina discloses the system of claim 175, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver (col.5 ln.33-38).

With respect to claim 177, Tranchina discloses the system of claim 164, wherein the portable device comprises a portable digital media player (col.5 ln.27-32).

With respect to claim 178, Tranchina discloses the system of claim 177, wherein the portable digital media player comprises a video device (col.5 ln.27-32), a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

With respect to claim 179, Tranchina discloses the system of claim 164, wherein the portable device comprises a cellular telephone (col.5 ln.34-38).

With respect to claim 181, Tranchina discloses the system of claim 164, wherein said integration subsystem obtains, over said wireless communication link, information about a video file received by the portable device for subsequent display of the

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information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and receives video generated by the portable device over said wireless communication link for playing on the car audio/video system (col.6 In.53-67, col.7 In.21-26).

With respect to claim 182, Tranchina discloses the system of claim 180, wherein the video file comprises a streaming movie received by the portable device (col.5 In.33-47).

With respect to claim 183, Tranchina discloses the system of Claim 180, wherein the video file comprises a picture received by the portable device (col.9 In.4-7).

With respect to claim 184, Tranchina discloses the system of claim 180, wherein the video file comprises a streaming video clip received by the portable device (col.5 In.33-47).

With respect to claim 185, Tranchina discloses the system of claim 180, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system (col.7 In.5-30).

With respect to claim 186, Tranchina discloses the system of claim 164, wherein the audio file comprises a song stored on the portable device (col.5 In.27-32).

With respect to claim 187, Tranchina discloses the system of claim 164, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser (col.5 ln.33-47).

With respect to claim 188, Tranchina discloses a multimedia device integration system, comprising: first (fig.1 #150) and second wireless (fig.1 #102,118,165) interfaces establishing a wireless communication link between a car audio/video system (fig.1 #104,170) and a portable device (fig.1 #106, 108) external to the car audio/video system; and an integration subsystem (fig.1 #110) in communication with said wireless communication link (col.5 ln.48-64), wherein said integration subsystem channels audio generated by the portable device to the car audio/video system using the wireless communication link for subsequent playing of the audio on the car audio/video system, the audio corresponding to an audio file played by the portable device (col.6 ln.17-28, 53-67), and wherein said integration subsystem receives a control command issued by a user through one or more controls of the car audio/video system in a format incompatible with the portable device the audio file using controls of the car audio/video system (col. 8, ln.24-49, with wireless transmitter is operative coupled to the controls of the accessories commonly found in the dashboard of the vehicle/car, such as controls for the radio and/or stereo, which allow user to issued command by using controls of the car audio/video system to control audio file reproduction), processes the control command into a formatted command compatible with the portable device, and

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dispatches the formatted command to the portable device for execution thereby (col.7 ln.5-30).

With respect to claim 189, Tranchina discloses the system of claim 188, wherein said integration subsystem is positioned within the portable device (col.6 ln.40-52).

With respect to claim 190, Tranchina discloses the system of claim 188, wherein said integration subsystem (fig.1 #110) is positioned within the car audio/video system.

With respect to claim 191, Tranchina discloses the system of claim 188, where the audio file is stored on the portable device (col.5 ln.27-32).

With respect to claim 192, Tranchina discloses the system of claim 188, wherein the audio file is received by the portable device (col.5 ln.33-45).

With respect to claim 195, Tranchina discloses the system of claim 188, wherein said integration subsystem further comprises a voice recognition subsystem (fig.1 #120) for receiving and processing spoken control commands issued by a user (col.8 ln.50-60).

With respect to claim 196, Tranchina discloses the system of claim 195, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem (col.8 ln.50-60).

With respect to claim 197, Tranchina discloses the system of claim 188, wherein said integration subsystem further comprises a speech synthesizer (fig.1 #130) for generating synthesized speech corresponding to data generated by the portable device (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 198, Tranchina discloses the system of claim 197, wherein said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system (col.8 ln.61-67, col.9 ln.1-3).

With respect to claim 199, Tranchina discloses the system of claim 188, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device (col.7 ln.13-16).

With respect to claim 200, Tranchina discloses the system of claim 188, wherein the portable device comprises a portable receiver (fig.1 #150, col.7 ln.21-26).

With respect to claim 201, Tranchina discloses the system of claim 200, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver (col.5 ln.33-38).

With respect to claim 202, Tranchina discloses the system of claim 188, wherein the portable device comprises a portable digital media player (col.5 ln.27-32).

With respect to claim 203, Tranchina discloses the system of claim 202, wherein the portable digital media player comprises a video device (col.5 ln.27-32), a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

With respect to claim 204, Tranchina discloses the system of claim 188, wherein the portable device comprises a cellular telephone (col.5 ln.34-38).

With respect to claim 206, Tranchina discloses the system of claim 188, wherein said integration subsystem channels video generated by the portable device to the car audio/video system over the wireless communication link for subsequent playing of the audio on the car audio/video system, the video corresponding to a video file played by the portable device (col.6 ln.53-67).

With respect to claim 207, Tranchina discloses the system of claim 206, wherein the video file comprises a movie stored on the portable device (col.5 ln.27-32).

With respect to claim 208, Tranchina discloses the system of Claim 206, wherein the video file comprises a picture stored on the portable device (col.9 ln.4-7).

With respect to claim 209, Tranchina discloses the system of claim 206, wherein the video file comprises a video clip stored on the portable device (col.5 ln.27-32).

With respect to claim 210, Tranchina discloses the system of claim 206, wherein the video file comprises streaming video received by the portable device (col.5 ln.33-47).

With respect to claim 211, Tranchina discloses the system of claim 206, wherein the video file comprises a navigation map generated by the portable device (col.5 ln.33-47).

With respect to claim 212, Tranchina discloses the system of claim 206, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and

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transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system (col.7 ln.5-30).

With respect to claim 213, Tranchina discloses a multimedia device integration system, comprising: first (fig.1 #150) and second wireless interfaces (fig.1 #102,118,165) establishing a wireless communication link between a car audio/video system (fig.1 #104,170) and a portable device (fig.1 #106,108) external to the car audio/video system; and an integration subsystem (fig.1 #110) in communication with said wireless communication link (col.5 ln.48-64), wherein said integration system instructs the portable device to play the audio file in response to a user selecting the audio file using controls of the car audio/video system the audio file using controls of the car audio/video system (col. 8, ln.24-49, with wireless transmitter is operative coupled to the controls of the accessories commonly found in the dashboard of the vehicle/car, such as controls for the radio and/or stereo, which allow user using controls of the car audio/video system to control audio file reproduction), wherein said integration subsystem channels audio generated by the portable device to the car audio/video system using the wireless communication link for subsequent playing of the audio on the car audio/video system, the audio corresponding to an audio file played by the portable device (col.6 ln.17-28, 53-67), and wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system (col.7 ln.5-30).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained through the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 108, 132, 156, 180 and 205 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tranchina (US 7493645) in view of Chen (US 6134456).

With respect to claims 108, 132, 156, 180 and 205, Tranchina does not disclose expressly wherein the system further comprises a non-wireless connection established between the car audio/video system and the portable device.

Chen discloses a multimedia device integration system comprising an integration subsystem (fig.2 #5), wherein the system further comprises a non-wireless connection established between the car audio/video system (fig.2 #30) and the portable device (fig.2 #2). At the time of the invention it would have been obvious to a person of ordinary skill in the art to replace the wireless interfaces of Tranchina with the wired connection of Chen. The motivation for doing so would have been to eliminate the need for wireless transmitters and receivers. This would reduce production costs and eliminate wireless noise interference.

Response to Arguments

Applicant's arguments with respect to claims 92-192, 195-214 have been considered but are moot in view of the current rejection as presented above.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Xu Mei whose telephone number is 571-272-7523. The examiner can normally be reached on maxi flex.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivian Chin can be reached on 571-272-7848. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Xu Mei/
Primary Examiner, Art Unit 2614
11/17/2011

Search Notes



Application/Control No.

11/475,847

Examiner

XU MEI

Applicant(s)/Patent under Reexamination

MARLOWE, IRA

Art Unit

2614

SEARCHED			
Class	Subclass	Date	Examiner
381	86	5/18/2009	JK
340	825.24	5/18/2009	JK
700	94	5/18/2009	JK
710	303	5/18/2009	JK
455	99	5/18/2009	JK
Update	Above	2/11/2011	JK
348	837,838	2/11/2011	JK
725	75	2/11/2011	JK
455	3.06	2/11/2011	JK

INTERFERENCE SEARCHED			
Class	Subclass	Date	Examiner

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	DATE	EXMR
Inventor Search USC 101 Reviewed	5/18/2009	JK
Searched related apps 10/316961 11/805799 reviewed tagged docs	5/18/2009	JK
Searched: Portable devices interfacing with audio systems	2/9/2010	JK
Searched: Voice recognition in file selection	2/25/2010	JK
updated class Search Searched: TV and Video Distribution classes for tv in vehicles	2/11/2011	JK
updated search	11/15/11	XM

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		11475847	
	Filing Date		2006-06-27	
	First Named Inventor	Marlowe, Ira		
	Art Unit	2614		
	Examiner Name	MEI, XU		
	Attorney Docket Number	IM002		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	11475847
	Filing Date	2006-06-27
	First Named Inventor	Marlowe, Ira
	Art Unit	2614
	Examiner Name	MEI, XU
	Attorney Docket Number	IM002

/X.M./	1	Office Action of 2 February 2011 in U.S. Patent Application Ser. No. 10/071,667, 18 pages	<input type="checkbox"/>
/X.M./	2	Office Action of 18 April 2011 in U.S. Patent Application Ser. No. 10/732,909, 18 pages	<input type="checkbox"/>

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EXAMINER SIGNATURE

Examiner Signature	/Xu Mei/	Date Considered	11/15/2011
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	11475847		
Filing Date	2006-06-27		
First Named Inventor	Marlowe, Ira		
Art Unit	2614		
Examiner Name	MEI, XU		
Attorney Docket Number	IM002		

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- See attached certification statement.
- The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Anatoly S. Weiser/	Date (YYYY-MM-DD)	2011-08-15
Name/Print	Anatoly S. Weiser	Registration Number	43229

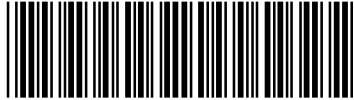
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Index of Claims 	Application/Control No. 11475847	Applicant(s)/Patent Under Reexamination MARLOWE, IRA
	Examiner JASON R KURR	Art Unit 2614

✓	Rejected
=	Allowed

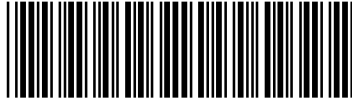
-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE							
Final	Original	11/17/2011							
	91	✓							
	92	✓							
	93	✓							
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	123	✓							
	124	✓							
	125	✓							
	126	✓							

Index of Claims 	Application/Control No. 11475847	Applicant(s)/Patent Under Reexamination MARLOWE, IRA
	Examiner JASON R KURR	Art Unit 2614

✓	Rejected
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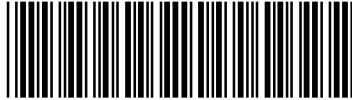
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Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE							
Final	Original	11/17/2011							
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	159	✓							
	160	✓							
	161	✓							
	162	✓							

Index of Claims 	Application/Control No. 11475847	Applicant(s)/Patent Under Reexamination MARLOWE, IRA
	Examiner JASON R KURR	Art Unit 2614

✓	Rejected
=	Allowed

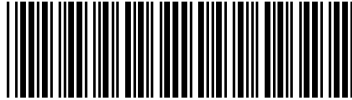
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A	Appeal
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Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE							
Final	Original	11/17/2011							
	163	✓							
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	197	✓							
	198	✓							

<i>Index of Claims</i> 	Application/Control No. 11475847	Applicant(s)/Patent Under Reexamination MARLOWE, IRA
	Examiner JASON R KURR	Art Unit 2614

✓	Rejected
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O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE							
Final	Original	11/17/2011							
	199	✓							
	200	✓							
	201	✓							
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	210	✓							
	211	✓							
	212	✓							
	213	✓							
	214	✓							

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		11475847	
	Filing Date		2006-06-27	
	First Named Inventor	Marlowe, Ira		
	Art Unit	2614		
	Examiner Name	MEI, XU		
	Attorney Docket Number	IM002		

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS						Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
/X.M./	1	20030215102		2003-11-20	Marlowe	all
/X.M./	2	20040145457		2004-07-29	Schofiled et al.	all

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS								Remove
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS								Remove
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	11475847
	Filing Date	2006-06-27
	First Named Inventor	Marlowe, Ira
	Art Unit	2614
	Examiner Name	MEI, XU
	Attorney Docket Number	IM002

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
/X.M./	1	Official Action of 29 March 2011 in Chinese Patent Application 200610059421.7	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button **Add**

EXAMINER SIGNATURE

Examiner Signature	/Xu Mei/	Date Considered	11/15/2011
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	11475847
Filing Date	2006-06-27
First Named Inventor	Marlowe, Ira
Art Unit	2614
Examiner Name	MEI, XU
Attorney Docket Number	IM002

CERTIFICATION STATEMENT

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Signature	/Anatoly S. Weiser/	Date (YYYY-MM-DD)	2011-08-15
Name/Print	Anatoly S. Weiser	Registration Number	43229

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
11/475,847 06/27/2006 Ira Marlowe 9001

7590 12/13/2011
IRA M. MARLOWE
BLITZSAFE OF AMERICA, INC.
33 HONECK STREET
ENGLEWOOD, NJ 07631

EXAMINER

MEI, XU

ART UNIT PAPER NUMBER

2614

MAIL DATE DELIVERY MODE

12/13/2011

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Applicant-Initiated Interview Summary	Application No. 11/475,847	Applicant(s) MARLOWE, IRA	
	Examiner XU MEI	Art Unit 2614	

All participants (applicant, applicant's representative, PTO personnel):

- (1) XU MEI. (3) _____.
(2) Mr. Anatoly Weiser. (4) _____.

Date of Interview: 08 November 2011.

Type: Telephonic Video Conference
 Personal [copy given to: applicant applicant's representative]

Exhibit shown or demonstration conducted: Yes No.
If Yes, brief description: _____.

Issues Discussed 101 112 102 103 Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 92.

Identification of prior art discussed: Tranchina.

Substance of Interview

(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

discussion of the claimed invention and independent claim 92 with regard to the cited Tranchina reference. No agreement was reach.

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Attachment

/Xu Mei/
Primary Examiner, Art Unit 2614

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	)	Group Art Unit: 2614
Ira Marlowe)	
	)	Examiner: Xu Mei
)	
Serial No.: 11/475,847	)	Attorney File No.: IM002
)	
Filed: June 27, 2006	)	Office Action Mailed On: 11/29/2011
)	
For: MULTIMEDIA DEVICE	)	Confirmation No.: 9001
INTEGRATION SYSTEM)	
_____)	

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REPLY TO OFFICE ACTION

Sir:

In this Reply, Applicant responds to the outstanding final Office action mailed on the date shown above (the "Final Office Action" hereinafter). The Final Office Action set a shortened statutory period of three months for reply. This amendment is being filed within the set period and therefore is timely. If the undersigned is mistaken regarding timeliness of this Reply, Applicant conditionally petitions for an extension of time as needed, and authorization is granted to charge the applicable small entity time extension fee to Deposit Account Number 50-3196. If additional or

other fees are necessary for filing of this paper, authorization is granted to charge such fees as they apply to a small entity to the same Deposit Account.

Amendments to the claims are reflected in the listing of claims that begins on page 3 of this paper.

Remarks begin on page 30 of this paper.

REMARKS

Claim Status

Claims 92-192, and 195-214 are pending in the instant application. This paper does not cancel any claims; does not add new claims; and amends claims 96 and 147. The amendments are made without acquiescence to the rejections, without prejudice, without disclaimer, and without intent to dedicate to the public. Claims 92, 116, 140, 164, 188, 213, and 214 are the independent claims of the application.

Office Action Summary

In the Final Office Action, the Examiner (1) entered objections to claims 96 and 147; (2) rejected claims 92-107, 109-131, 133-155, 157-179, 181-192, 195-204, and 206-214 under 35 U.S.C. § 102(e) as being anticipated by Tranchina, U.S. Patent Number 7,493,645 (“Tranchina” in this paper); and (3) rejected claims 108, 132, 156, 180, and 205 under 35 U.S.C. § 103(a) as being unpatentable over Tranchina and Chen, U.S. Patent Number 6,134,456 (“Chen” in this paper).

Applicant respectfully responds to the Final Office Action.

Finality of the Action and Entry of Amendments

A second or subsequent Office action “on the merits shall be final, except where the examiner introduces a new ground of rejection that is neither necessitated by applicant’s amendment of the claims nor based on information submitted in an information disclosure statement filed during the period set forth in 37 CFR 1.97(c) with the fee set forth in 37 CFR 1.17(p).” MPEP § 706.07(a). The general test for determining whether a rejection is “new” is whether an applicant has had a fair opportunity to react the “basic thrust” of the rejection. *In re Kronig*, 539 F.2d 1300, 1302-03, 190

U.S.P.Q. 425, 426-27 (Fed. Cir. 1976). If the basic thrusts of the two rejections differ, then the applicant would not already have had a fair opportunity to respond to the thrust of the rejection, and the new rejection warrants a further opportunity to respond. *Id.*

In rejecting independent claim 92, the previous Office Action in this case (filed on or about 8/15/2011) asserted that Tranchina discloses the limitation of the *wherein* clause of the claim in column 6, lines 17-29 and 53-67. Now, the current Final Office Action asserts (page 3) that the limitations in issue are found in Tranchina's column 8, lines 24-29. Indeed, the reliance on the newly-cited text of Tranchina is the only response to our previous argument. The "thrust" of the rejection is now different, despite the fact that the reference is the same and the statutory section of the rejection is the same as in the previous Office Action. Note that a new ground of rejection need not be based on a different statute or different art; a new ground of rejection results from a new fact finding or different reasoning. *In re Stepan Co.*, 660 F.3d 1341; 2011 U.S. App. LEXIS 20178; 100 U.S.P.Q.2D (BNA) 1489 (Fed. Cir. 2011) (citing *In re Kumar*, 418 F.3d 1361, 1367-68 (Fed. Cir. 2005)).

This is our first opportunity to respond to the new rationale presented for the first time in the Final Office Action. Therefore, finality of the current action is premature, amendments should be entered.

Moreover, the amendments of claims 96 and 147 comply with the Examiner's objections and requirements as to form expressly set forth in the previous Office Action. Therefore, the amendments should be entered. MPEP § 714.12 (" . . . amendments filed after a final rejection, but before or on the date of filing an appeal, complying with objections or requirements as to form are to be permitted after final action in accordance with 37 CFR 1.116(b)."); MPEP § 714.13(II); *see* 37 C.F.R. § 1.116(b)(1).

Request for Administrative Notice

Applicant requests the Office to take Administrative Notice of the paper entitled AMENDMENT AND RESPONSE TO OFFICE ACTION filed on April 17, 2006, by applicants in the Tranchina reference (the "Tranchina Amendment" hereinafter). The Tranchina Amendment appears beginning on page 198 of the complete file history of Tranchina, and an electronic duplicate is also filed together with the present paper, for the Examiner's convenience.

Art Rejections

Independent Claim 92

For convenience of discussion, we set forth below independent claim 92:

92. (Previously Presented) A multimedia device integration system, comprising:

an integration subsystem in communication with a portable device, the portable device external to a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with the car audio/video system,

wherein said integration subsystem obtains information about an audio file stored on the portable device, transmits the information over said wireless communication link to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio file in response to a user selecting the audio file using controls of the car audio/video system, and transmits audio generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

The system recited in our claim 92 contains an integration subsystem and a car audio/video system. The integration subsystem communicates with the car audio/video system through a wireless communication link established between the first and second wireless interfaces. Thus, the

integration subsystem and the car audio/video system are connected wirelessly. Note that the integration subsystem and the car audio/video system are different devices, because they communicate wirelessly with each other.

What is the integration system in Tranchina and what is the car audio/video system in Tranchina? To answer this question, let us look at Tranchina's local input device 106. The Final Office Action clearly analogizes Tranchina's local input device 106 to the "portable device" of claim 92. Indeed, we do not readily see what other element of Tranchina can be the portable device that provides the file for playing through the car audio/video system. If the local input device 106 is analogized to the portable device of claim 92, then the wireless connection between the local input device 106 and the console 100 cannot be analogized to the wireless communication link of claim 92, which connects the integration subsystem to the car audio/video system using the first and second wireless interfaces. The only other wireless connection in Tranchina appears to be the connection between the transmitter 199 and the transmitter/receiver 102/118 of the console 100. Clearly, the transmitter 199 is not the car audio/video system, because it does not provide the appropriate functions (such as receiving and playing audio files, as recited in our claim 92). This forces the conclusion (according to the rationale of the Final Office Action) that Tranchina's console 100 is analogous to the car audio/video system, and the transmitter 199 is analogous to the integration subsystem. But the transmitter 199 does not qualify as the integration subsystem of claim 92.

In the *wherein* clause, claim 92 requires the integration subsystem to be configured so that it "instructs the portable device to play the audio file in response to a user selecting the audio file using controls of the car audio/video system, and transmits audio generated by the portable device over

said wireless communication link to the car audio/video system for playing on the car audio/video system.” The transmitter 199 does not perform either function.

The Final Office Action asserts (page 3) that Tranchina discloses the limitations of the *wherein* clause in column 8, lines 24-49. Here is Tranchina’s cited paragraph:

A wireless transmitter 199 may be employed by a vehicle passenger to wirelessly transmit signals for configuring controls or applications on the display. Such signals may be transmitted to the display device 104 for receipt by the wireless receiver 102. The wireless transmitter 199 may include a processor and associated memory for executing and storing programs, respectively. The programs may be used to control many different types of devices including some or all of the input devices 106 and other electronic devices such as, for example, a cellular telephone. In the latter case, the wireless transmitter 199 may be used by a user to control the cellular telephone, which may be built into the vehicle. In a preferred embodiment of the invention, the wireless transmitter 199 is operatively coupled to the controls of the accessories commonly found in the dashboard of an automobile such as, for example, climate control and the controls for the radio and/or stereo. The wireless transmitter 199 transmits control configuration signals to the wireless receiver 102 for display on the display device 104. The display device 104, in turn, displays a plurality of control modules or devices, e.g., the keypad of a cellular phone and controls for selecting radio channels for selection via touch screen controls displayed on the display device 104. Given the teachings of the invention provided herein, one of ordinary skill in the related art will contemplate these and various other applications for the wire- 50 less transmitter 199.

Tranchina, col. 8, lines 24-49. According to this paragraph, Tranchina’s transmitter 199 apparently does not allow a user to select a file to play using controls of the car audio/video system. Instead, Tranchina’s transmitter transmits wireless control signals which configure controls or applications on the display device so that the display device displays control modules. The controls displayed on the display 104 of Tranchina’s are used to control a device such as a cellular telephone. This is what Tranchina in fact argued regarding the transmitter 199 in a paper filed with the U.S. PTO:

The wireless transmitter recited in claim 27 transmits wireless control signals which configure controls or applications on the display device so that the display device displays control modules. For example, the wireless transmitter 199 transmits control configuration signals to the wireless receiver 102 for display on the display device 104. The display device 104, in turn, displays control modules (e.g., the keypad of a cellular telephone or controls for selecting radio channels), which are

selected via, for example, touch screen controls displayed on the display device. See, e.g., page 24, line 18 to page 25, line 7.

Unlike the embodiment recited in claim 27, the remote control in Treyz is sending commands for controlling functions, such as volume on a radio station. See, e.g., col. 23, line 66 to col. 24, line 6. In contrast, *the wireless transmitter recited in claim 27 configures the controls on the display device so that control of the functions is not being transmitted from the transmitter, but is instead performed by interacting with the display device* via an appropriate input mechanism, such as touch screen.

AMENDMENT AND RESPONSE TO OFFICE ACTION filed by Tranchina on April 17, 2006, page 14 (italics added, underlining in the original). According to Tranchina, the actual controls are displayed on the console/monitor; the controls are configured by the wireless transmitter 199, but the control of the functions is not transmitted from the transmitter 199. “[C]ontrol of the functions is not being transmitted from the transmitter, but is instead performed by interacting with the display device” *Id.*

Second, the transmitter 199 does not transmit audio generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system. There is no such disclosure in Tranchina. To the contrary, the audio is sent to the wireless receiver 102 of the console 100 from the local input device 106. See, for example, Tranchina’s Figure 2 and its description in column 3, lines 53-56 and column 5, lines 52-64.

We respectfully submit that Tranchina does not disclose the identical invention in as complete detail as is contained in claim 92. Tranchina fails to anticipate claim 92.

Independent Claims 116, 140, 164, 213, and 214

Each of the independent claims 116, 140, 164, and 213 recites limitations identical or analogous to the limitations of claim 92 discussed above. We respectfully submit that Tranchina fails to anticipate each of these claims at least for the reasons state above in relation to claim 92.

Independent Claim 188

Independent claim 188, includes the following clause: “wherein said integration subsystem receives a control command issued by a user through one or more controls of the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the formatted command to the portable device for execution thereby.” The claim therefore requires (paraphrasing) the subsystem to receive a user command issued through the controls of the car audio/video system, and convert the command into a format acceptable to the portable device. These limitations are similar to the limitations of claim 92 discussed above, but they do not limit the user-issued commands to play a file. Tranchina apparently contains no such disclosure (or even suggestion); in particular, Tranchina contains no such disclosure in the portions cited in the Final Office Action.

Additionally, Tranchina does not disclose conversion of the commands from one format to another. We will have more to say regarding format conversion below, in relation to some of the dependent claims.

At least for these reasons, Applicant respectfully submits that Tranchina fails to anticipate claim 188.

Dependent Claim 96 and Format Conversion

Claim 96 depends from claim 92 (as amended above in accordance with the Examiner’s express requirement) and adds the following limitations: *wherein said integration subsystem receives, over said wireless communication link, a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a*

formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby. The Final Office Action rejected (page 4) this claim as anticipated by Tranchina, specifically relying on column 7, lines 5-30 of the reference. Tranchina's text in column 7, lines 5-30 describes processing/conversion of the signals received at the console 100. In particular, the cited text mentions "encoding/decoding, encrypting/decrypting, compressing/decompressing, analog-to-digital conversion (ADC), digital-to-analog conversion (DAC), and error correction." We respectfully submit that these functions are part and parcel of wireless communications, and they are performed on low-level data. In contradistinction, the format conversion of claim 96 is carried out on commands, not on low level data. Note that the application describes one of the problems as incompatibility of command formats. See, for example, Specification as filed, page 2, line 20, through page 3, line 2; and *id.* page 5, lines 12-15. Tranchina does not describe format conversion of commands, as opposed to low-level data manipulation (*e.g.*, encoding/decoding, encrypting/decrypting, compressing/decompressing, analog-to-digital conversion, and digital-to-analog conversion).

We respectfully submit that Tranchina fails to anticipate claim 96 for this additional reason.

Dependent Claim 97 and Format Conversion

Claim 97 depends from claim 92 and adds the following limitations: *wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system over the wireless communication link for subsequent display of the processed data on a display of the car audio/video system.* The Final Office Action rejected this claim (page 4) as anticipated by Tranchina,

specifically relying on column 7, lines 5-30 of the reference, the same rationale as was used to reject claim 96. Tranchina's text in column 7, lines 5-30 describes processing/conversion of the signals received at the console 100, including "encoding/decoding, encrypting/decrypting, compressing/decompressing, analog-to-digital conversion (ADC), digital-to-analog conversion (DAC), and error correction." Again, these functions are part and parcel of wireless communications, and they are performed on low-level data. The format conversion of claim 97 is carried out on high level data – e.g., audio, video, station, track, time, and song information – not on low level data. E.g., Specification, page 3, line 18, through page 4, line 5. Tranchina does not describe format conversion of high level data, as opposed to low-level data manipulation (e.g., encoding/decoding, encrypting/decrypting, compressing/decompressing, analog-to-digital conversion, and digital-to-analog conversion).

We respectfully submit that Tranchina fails to anticipate claim 97 for this additional reason.

Dependent Claim 102 and Device Presence Signal

Claim 102 depends from claim 92 and adds the following limitations: *wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system over said wireless communications link to maintain the car audio/video system in a state responsive to the portable device.* The Final Office Action asserted (page 5) that Tranchina discloses these limitations in column 7, lines 13-16. Here is the cited text: "Such error correction may include, but is not limited to, Cyclic Redundancy Checking (CRC), Error Correction Code or Error Checking and Correcting (ECC), checksum, and so forth." We do not see here any mention of a device presence signal transmitted to the car audio/video system to prevent the car system from becoming unresponsive. Note that the Applicant has defined a device presence signal

as a signal that “prevents the car stereo from shutting off, entering a sleep mode, or otherwise being unresponsive to signals and/or data from an external source.” Specification, page 36, lines 6-9.

Dependent Claim 113 and Format Conversion

Claim 113 depends from base claim 92 and intervening claim 109, and adds the following limitations: *wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video over the wireless communication link to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.* The Final Office Action rejected this claim (page 7) as anticipated by Tranchina, again relying on column 7, lines 5-30 of the reference, the same rationale as was used to reject claims 96 and 97. Tranchina’s text in column 7, lines 5-30 describes processing/conversion of the signals received at the console 100, including “encoding/decoding, encrypting/decrypting, compressing/decompressing, analog-to-digital conversion (ADC), digital-to-analog conversion (DAC), and error correction.” These functions are part and parcel of wireless communications, and they are performed on low-level data. The format conversion of claim 113 is carried out on high level data – video – not on low level data. Tranchina does not describe format conversion of high level data, as opposed to low-level data manipulation (*e.g.*, encoding/decoding, encrypting/decrypting, compressing/decompressing, analog-to-digital conversion, and digital-to-analog conversion).

We respectfully submit that Tranchina fails to anticipate claim 113 for this additional reason.

Dependent Claims 108, 132, 156, 180, and 205

These claims were rejected as being unpatentable over Tranchina and Chen. Applicant respectfully submits that Chen fails to remedy the deficiencies of Tranchina discussed above. Each of these claims is therefore patentable over the reference, at least for the reasons applicable to its respective base claim and intervening claims, if any..

Remaining Dependent Claims

Dependent claims not addressed above should be patentable together with their respective base claims and intervening claim, if any.

CONCLUSION

Having made an effort to bring the instant application in condition for allowance, a notice to this effect is earnestly solicited. To discuss any matter pertaining to the application, the Examiner is invited to call the undersigned attorney at (858) 720-9431.

Respectfully submitted,

Dated: January 29, 2012

/Anatoly S. Weiser/
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Electronic Acknowledgement Receipt

EFS ID:	11946123
Application Number:	11475847
International Application Number:	
Confirmation Number:	9001
Title of Invention:	Multimedia device integration system
First Named Inventor/Applicant Name:	Ira Marlowe
Correspondence Address:	IRA M. MARLOWE - BLITZSAFE OF AMERICA, INC. 33 HONECK STREET ENGLEWOOD NJ 07631 US - -
Filer:	Anatoly Weiser.
Filer Authorized By:	
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Receipt Date:	29-JAN-2012
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Application Type:	Utility under 35 USC 111(a)

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Amendment After Final	Amendment2-AsFiled-Image.pdf	5961584 eb0bcbf7cd6dd93c82fd9e719583c3e4a82cc866	no	41

Warnings:

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/475,847	Filing Date 06/27/2006	<input type="checkbox"/> To be Mailed
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APPLICATION AS FILED – PART I			OTHER THAN SMALL ENTITY			
	(Column 1)	(Column 2)	SMALL ENTITY <input checked="" type="checkbox"/>	OR		
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A		N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (j), or (m))</small>	N/A	N/A	N/A		N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A		N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(j))</small>	minus 20 =	*	X \$ =	OR	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =		X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).					
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>						
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL		TOTAL	

APPLICATION AS AMENDED – PART II					OTHER THAN SMALL ENTITY			
	(Column 1)	(Column 2)	(Column 3)					
AMENDMENT	01/29/2012	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	* 121	Minus ** 121	= 0	X \$30 =	0	OR	X \$ =
	Independent <small>(37 CFR 1.16(h))</small>	* 7	Minus *** 7	= 0	X \$125 =	0	OR	X \$ =
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>						OR	
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR	
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE

	(Column 1)	(Column 2)	(Column 3)					
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	*	Minus **	=	X \$ =		OR	X \$ =
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus ***	=	X \$ =		OR	X \$ =
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>						OR	
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR	
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/DEBRA SAVOY/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

CLAIM AMENDMENT

Please amend the claims in accordance with the following listing, which will replace all previous listings and versions of claims in this application.

Listing of Claims

1-91. (Cancelled)

92. (Previously Presented) A multimedia device integration system, comprising:

an integration subsystem in communication with a portable device, the portable device external to a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with the car audio/video system,

wherein said integration subsystem obtains information about an audio file stored on the portable device, transmits the information over said wireless communication link to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio file in response to a user selecting the audio file using controls of the car audio/video system, and transmits audio generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

93. (Previously Presented) The system of claim 92, wherein said integration subsystem is positioned within the portable device.

94. (Previously Presented) The system of claim 93, wherein said first wireless interface is positioned within the portable device.

95. (Previously Presented) The system of claim 94, wherein said second wireless interface is positioned within the car audio/video system.

96. (Currently Amended) The system of claim ~~91~~, 92, wherein said integration subsystem receives, over said wireless communication link, a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

97. (Previously Presented) The system of claim 92, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system over the wireless communication link for subsequent display of the processed data on a display of the car audio/video system.

98. (Previously Presented) The system of claim 92, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

99. (Previously Presented) The system of claim 98, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

100. (Previously Presented) The system of claim 92, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

101. (Previously Presented) The system of claim 100, wherein said integration subsystem transmits the synthesized speech to the car audio/video system over said wireless communication link for subsequent playing of the synthesized speech by the car audio/video system.

102. (Previously Presented) The system of claim 92, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system over said wireless communications link to maintain the car audio/video system in a state responsive to the portable device.

103. (Previously Presented) The system of claim 92, wherein the portable device comprises a portable receiver.

104. (Previously Presented) The system of claim 103, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

105. (Previously Presented) The system of claim 92, wherein the portable device comprises a portable digital media player.

106. (Previously Presented) The system of claim 105, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

107. (Previously Presented) The system of claim 92, wherein the portable device comprises a cellular telephone.

108. (Previously Presented) The system of claim 92, further comprising a non-wireless connection established between the car audio/video system and the portable device.

109. (Previously Presented) The system of claim 92, wherein said integration subsystem transmits, over said wireless communication link, information about a video file stored on the portable device to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and transmits video generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

110. (Previously Presented) The system of claim 109, wherein the video file comprises a movie stored on the portable device.

111. (Previously Presented) The system of Claim 109, wherein the video file comprises a picture stored on the portable device.

112. (Previously Presented) The system of claim 109, wherein the video file comprises a video clip stored on the portable device.

113. (Previously Presented) The system of claim 109, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video over the wireless communication link to the

car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

114. (Previously Presented) The system of claim 92, wherein the audio file comprises a song stored on the portable device.

115. (Previously Presented) The system of claim 92, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser.

116. (Previously Presented) A multimedia device integration system, comprising:

an integration subsystem in communication with a portable device, the portable device external to a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with the car audio/video system,

wherein said integration subsystem obtains information about an audio file received by the portable device, transmits the information over said wireless communication link to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio file in response to a user selecting the audio file using controls of the car audio/video system, and transmits audio generated by the portable

device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

117. (Previously Presented) The system of claim 116, wherein said integration subsystem is positioned within the portable device.

118. (Previously Presented) The system of claim 117, wherein said first wireless interface is positioned within the portable device.

119. (Previously Presented) The system of claim 118, wherein said second wireless interface is positioned within the car audio/video system.

120. (Previously Presented) The system of claim 116, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

121. (Previously Presented) The system of claim 116, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the

processed data to the car audio/video system over the wireless communication link for subsequent display of the processed data on a display of the car audio/video system.

122. (Previously Presented) The system of claim 116, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

123. (Previously Presented) The system of claim 122, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

124. (Previously Presented) The system of claim 116, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

125. (Previously Presented) The system of claim 124, wherein said integration subsystem transmits the synthesized speech to the car audio/video system over said wireless communication link for subsequent playing of the synthesized speech by the car audio/video system.

126. (Previously Presented) The system of claim 116, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system over

said wireless communications link to maintain the car audio/video system in a state responsive to the portable device.

127. (Previously Presented) The system of claim 116, wherein the portable device comprises a portable receiver.

128. (Previously Presented) The system of claim 127, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

129. (Previously Presented) The system of claim 116, wherein the portable device comprises a portable digital media player.

130. (Previously Presented) The system of claim 129, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

131. (Previously Presented) The system of claim 116, wherein the portable device comprises a cellular telephone.

132. (Previously Presented) The system of claim 116, further comprising a non-wireless connection established between the car audio/video system and the portable device.

133. (Previously Presented) The system of claim 116, wherein said integration subsystem transmits, over said wireless communication link, information about a video file received by the portable device to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and transmits video generated by the portable device over said wireless communication link to the car audio/video system for playing on the car audio/video system.

134. (Previously Presented) The system of claim 133, wherein the video file comprises a streaming movie received by the portable device.

135. (Previously Presented) The system of Claim 133, wherein the video file comprises a picture received by the portable device.

136. (Previously Presented) The system of claim 133, wherein the video file comprises a streaming video clip received by the portable device.

137. (Previously Presented) The system of claim 116, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video over the wireless communication link to the

car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

138. (Previously Presented) The system of claim 116, wherein the audio file comprises a song received by the portable device.

139. (Previously Presented) The system of claim 116, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser.

140. (Previously Presented) A multimedia device integration system, comprising:

an integration subsystem in communication with a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with a portable device external to the car audio/video system,

wherein said integration subsystem obtains, using said wireless communication link, information about an audio file stored on the portable device, transmits the information to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio file in response to a user selecting the audio file using controls of the car audio/video system, and receives audio generated by the portable device over said wireless communication link for playing on the car audio/video system.

141. (Previously Presented) The system of claim 140, wherein said integration subsystem is positioned within the car audio/video system.

142. (Previously Presented) The system of claim 141, wherein said first wireless interface is positioned within the car audio/video system.

143. (Previously Presented) The system of claim 142, wherein said second wireless interface is positioned within the portable device.

144. (Previously Presented) The system of claim 140, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

145. (Previously Presented) The system of claim 140, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system.

146. (Previously Presented) The system of claim 140, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

147. (Currently Amended) The system of claim ~~150~~, 140, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

148. (Previously Presented) The system of claim 140, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

149. (Previously Presented) The system of claim 148, wherein said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system.

150. (Previously Presented) The system of claim 140, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device.

151. (Previously Presented) The system of claim 140, wherein the portable device comprises a portable receiver.

152. (Previously Presented) The system of claim 151, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

153. (Previously Presented) The system of claim 140, wherein the portable device comprises a portable digital media player.

154. (Previously Presented) The system of claim 153, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

155. (Previously Presented) The system of claim 140, wherein the portable device comprises a cellular telephone.

156. (Previously Presented) The system of claim 140, further comprising a non-wireless connection established between the car audio/video system and the portable device.

157. (Previously Presented) The system of claim 140, wherein said integration subsystem obtains, using said wireless communication link, information about a video file stored on the portable device

for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls of the car audio/video system, and receives video generated by the portable device over said wireless communication link for playing on the car audio/video system.

158. (Previously Presented) The system of claim 157, wherein the video file comprises a movie stored on the portable device.

159. (Previously Presented) The system of Claim 157, wherein the video file comprises a picture stored on the portable device.

160. (Previously Presented) The system of claim 157, wherein the video file comprises a video clip stored on the portable device.

161. (Previously Presented) The system of claim 157, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

162. (Previously Presented) The system of claim 140, wherein the audio file comprises a song stored on the portable device.

163. (Previously Presented) The system of claim 140, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser.

164. (Previously Presented) A multimedia device integration system, comprising:

an integration subsystem in communication with a car audio/video system; and

a first wireless interface in communication with said integration subsystem, said first wireless interface establishing a wireless communication link with a second wireless interface in communication with a portable device external to the car audio/video system,

wherein said integration subsystem obtains, using said wireless communication link, information about an audio file received by the portable device, transmits the information to the car audio/video system for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the audio file in response to a user selecting the audio file using controls of the car audio/video system, and receives audio generated by the portable device over said wireless communication link for playing on the car audio/video system.

165. (Previously Presented) The system of claim 164, wherein said integration subsystem is positioned within the car audio/video system.

166. (Previously Presented) The system of claim 165, wherein said first wireless interface is positioned within the car audio/video system.

167. (Previously Presented) The system of claim 166, wherein said second wireless interface is positioned within the portable device.

168. (Previously Presented) The system of claim 164, wherein said integration subsystem receives a control command issued at the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the processed control command to the portable device for execution thereby.

169. (Previously Presented) The system of claim 164, wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system.

170. (Previously Presented) The system of claim 164, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by a user.

171. (Previously Presented) The system of claim 170, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

172. (Previously Presented) The system of claim 164, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

173. (Previously Presented) The system of claim 172, wherein said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system.

174. (Previously Presented) The system of claim 164, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device.

175. (Previously Presented) The system of claim 164, wherein the portable device comprises a portable receiver.

176. (Previously Presented) The system of claim 175, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

177. (Previously Presented) The system of claim 164, wherein the portable device comprises a portable digital media player.

178. (Previously Presented) The system of claim 177, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

179. (Previously Presented) The system of claim 164, wherein the portable device comprises a cellular telephone.

180. (Previously Presented) The system of claim 164, further comprising a non-wireless connection established between the car audio/video system and the portable device.

181. (Previously Presented) The system of claim 164, wherein said integration subsystem obtains, over said wireless communication link, information about a video file received by the portable device for subsequent display of the information on a display of the car audio/video system, instructs the portable device to play the video file in response to a user selecting the video file using controls

of the car audio/video system, and receives video generated by the portable device over said wireless communication link for playing on the car audio/video system.

182. (Previously Presented) The system of claim 180, wherein the video file comprises a streaming movie received by the portable device.

183. (Previously Presented) The system of Claim 180, wherein the video file comprises a picture received by the portable device.

184. (Previously Presented) The system of claim 180, wherein the video file comprises a streaming video clip received by the portable device.

185. (Previously Presented) The system of claim 180, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

186. (Previously Presented) The system of claim 164, wherein the audio file comprises a song stored on the portable device.

187. (Previously Presented) The system of claim 164, wherein the portable device is connected to the Internet, and said integration device processes information generated by the portable device and transmits processed information to the car audio/video system so that the display of the car audio/video system operates as an Internet browser.

188. (Previously Presented) A multimedia device integration system, comprising:

first and second wireless interfaces establishing a wireless communication link between a car audio/video system and a portable device external to the car audio/video system; and

an integration subsystem in communication with said wireless communication link,

wherein said integration subsystem channels audio generated by the portable device to the car audio/video system using the wireless communication link for subsequent playing of the audio on the car audio/video system, the audio corresponding to an audio file played by the portable device, and

wherein said integration subsystem receives a control command issued by a user through one or more controls of the car audio/video system in a format incompatible with the portable device, processes the control command into a formatted command compatible with the portable device, and dispatches the formatted command to the portable device for execution thereby.

189. (Previously Presented) The system of claim 188, wherein said integration subsystem is positioned within the portable device.

190. (Previously Presented) The system of claim 188, wherein said integration subsystem is positioned within the car audio/video system.

191. (Previously Presented) The system of claim 188, where the audio file is stored on the portable device.

192. (Previously Presented) The system of claim 188, wherein the audio file is received by the portable device.

193. (Cancelled)

194. (Cancelled)

195. (Previously Presented) The system of claim 188, wherein said integration subsystem further comprises a voice recognition subsystem for receiving and processing spoken control commands issued by the user.

196. (Previously Presented) The system of claim 195, wherein said integration subsystem instructs said portable device to play a desired file in response to a spoken command processed by the voice recognition subsystem.

197. (Previously Presented) The system of claim 188, wherein said integration subsystem further comprises a speech synthesizer for generating synthesized speech corresponding to data generated by the portable device.

198. (Previously Presented) The system of claim 197, wherein said integration subsystem transmits the synthesized speech to the car audio/video system for subsequent playing of the synthesized speech by the car audio/video system.

199. (Previously Presented) The system of claim 188, wherein said integration subsystem generates a device presence signal and transmits the device presence signal to the car audio/video system to maintain the car audio/video system in a state responsive to the portable device.

200. (Previously Presented) The system of claim 188, wherein the portable device comprises a portable receiver.

201. (Previously Presented) The system of claim 200, wherein the portable receiver comprises a digital audio broadcast (DAB) receiver, a high-definition (HD) radio receiver, or a satellite receiver.

202. (Previously Presented) The system of claim 188, wherein the portable device comprises a portable digital media player.

203. (Previously Presented) The system of claim 202, wherein the portable digital media player comprises a video device, a portable media center, a portable media player, an MP3 player, an MP4 player, a WMV player, an Apple iPod, or an Apple video iPod.

204. (Previously Presented) The system of claim 188, wherein the portable device comprises a cellular telephone.

205. (Previously Presented) The system of claim 188, further comprising a non-wireless connection established between the car audio/video system and the portable device.

206. (Previously Presented) The system of claim 188, wherein said integration subsystem channels video generated by the portable device to the car audio/video system over the wireless communication link for subsequent playing of the audio on the car audio/video system, the video corresponding to a video file played by the portable device.

207. (Previously Presented) The system of claim 206, wherein the video file comprises a movie stored on the portable device.

208. (Previously Presented) The system of Claim 206, wherein the video file comprises a picture stored on the portable device.

209. (Previously Presented) The system of claim 206, wherein the video file comprises a video clip stored on the portable device.

210. (Previously Presented) The system of claim 206, wherein the video file comprises streaming video received by the portable device.

211. (Previously Presented) The system of claim 206, wherein the video file comprises a navigation map generated by the portable device.

212. (Previously Presented) The system of claim 206, wherein said integration subsystem receives video generated by the portable device in a first format incompatible with the car audio/video system, processes the video into processed video in a second format compatible with the car audio/video system, and transmits the processed video to the car audio/video system for subsequent display of the processed video on a display of the car audio/video system.

213. (Previously Presented) A multimedia device integration system, comprising:

first and second wireless interfaces establishing a wireless communication link between a car audio/video system and a portable device external to the car audio/video system; and

an integration subsystem in communication with said wireless communication link,

wherein said integration subsystem instructs the portable device to play an audio file in response to a user selecting the audio file using controls of the car audio/video system,

wherein said integration subsystem channels audio generated by the portable device to the car

audio/video system using the wireless communication link for subsequent playing of the audio on the car audio/video system, the audio corresponding to the audio file played by the portable device, and

wherein said integration subsystem receives data generated by the portable device in a format incompatible with the car audio/video system, processes the data into formatted data compatible with the car audio/video system, and transmits the processed data to the car audio/video system for subsequent display of the processed data on a display of the car audio/video system.

214. (Previously Presented) A method of playing a media file on an entertainment system installed in a vehicle, the method comprising:

establishing a first communication link between an integration subsystem and a portable device, the portable device being configured to store the media file or to receive the media file, the portable device being external to the entertainment system installed in the vehicle;

establishing a second wireless link between the integration subsystem and the entertainment system installed in the vehicle;

receiving, at the integration subsystem, a command to play the media file from a user of the entertainment system, the command being entered by the user through one or more controls of the entertainment system;

in response to the command, sending a signal from the integration subsystem to the portable device, the signal causing the portable device to play the media file;

receiving, at the integration subsystem, a first signal containing audio generated by the portable device from the media file;

sending, from the integration subsystem, a second signal containing the audio to the entertainment system, thereby causing the entertainment system to play the audio.



NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 02/16/2012
IRA M. MARLOWE
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ENGLEWOOD, NJ 07631

Table with 2 columns: EXAMINER (MEI, XU), ART UNIT (2614), PAPER NUMBER (9001)

DATE MAILED: 02/16/2012

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

TITLE OF INVENTION: MULTIMEDIA DEVICE INTEGRATION SYSTEM

Table with 7 columns: APPLN. TYPE, SMALL ENTITY, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

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THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

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If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

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B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

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III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

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(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/475,847	06/27/2006	Ira Marlowe		9001

TITLE OF INVENTION: MULTIMEDIA DEVICE INTEGRATION SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$870	\$300	\$0	\$1170	05/16/2012

EXAMINER	ART UNIT	CLASS-SUBCLASS
MEI, XU	2614	381-086000

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</p>	<p>2. For printing on the patent front page, list</p> <p>(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____</p> <p>(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____</p> <p>3 _____</p>
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

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(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent) : Individual Corporation or other private group entity Government

<p>4a. The following fee(s) are submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
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5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Typed or printed name _____ Registration No. _____

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Values: 11/475,847, 06/27/2006, Ira Marlowe, (blank), 9001

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33 HONECK STREET
ENGLEWOOD, NJ 07631

EXAMINER

MEI, XU

ART UNIT PAPER NUMBER

2614

DATE MAILED: 02/16/2012

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 214 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 214 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability

Application No.

11/475,847

Examiner

XU MEI

Applicant(s)

MARLOWE, IRA

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- 1. This communication is responsive to arguments/remarks of amendment after final dated 01/29/2012.
- 2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
- 3. The allowed claim(s) is/are 92-192 and 195-214.
- 4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 - 1. Certified copies of the priority documents have been received.
 - 2. Certified copies of the priority documents have been received in Application No. _____ .
 - 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

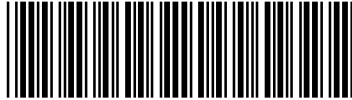
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

- 5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 - 6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
- 7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- 1. Notice of References Cited (PTO-892)
- 2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 02/20/2007
- 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 5. Notice of Informal Patent Application
- 6. Interview Summary (PTO-413), Paper No./Mail Date _____ .
- 7. Examiner's Amendment/Comment
- 8. Examiner's Statement of Reasons for Allowance
- 9. Other _____.

/Xu Mei/
Primary Examiner, Art Unit 2614

Index of Claims 	Application/Control No. 11475847	Applicant(s)/Patent Under Reexamination MARLOWE, IRA
	Examiner Xu Mei	Art Unit 2614

✓	Rejected
=	Allowed

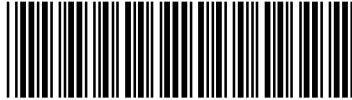
-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE							
Final	Original	11/17/2011	02/12/2012						
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Index of Claims 	Application/Control No. 11475847	Applicant(s)/Patent Under Reexamination MARLOWE, IRA
	Examiner Xu Mei	Art Unit 2614

✓	Rejected
=	Allowed

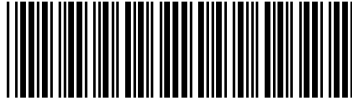
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Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE							
Final	Original	11/17/2011	02/12/2012						
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	162	✓	=						

Index of Claims 	Application/Control No. 11475847	Applicant(s)/Patent Under Reexamination MARLOWE, IRA
	Examiner Xu Mei	Art Unit 2614

✓	Rejected
=	Allowed

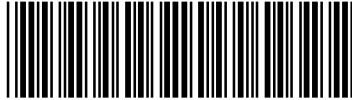
-	Cancelled
÷	Restricted

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O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE							
Final	Original	11/17/2011	02/12/2012						
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	196	✓	=						
	197	✓	=						
	198	✓	=						

Index of Claims 	Application/Control No. 11475847	Applicant(s)/Patent Under Reexamination MARLOWE, IRA
	Examiner Xu Mei	Art Unit 2614

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

CLAIM		DATE							
Final	Original	11/17/2011	02/12/2012						
	199	✓	=						
	200	✓	=						
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	211	✓	=						
	212	✓	=						
	213	✓	=						
	214	✓	=						

Search Notes



Application/Control No.

11/475,847

Examiner

XU MEI

Applicant(s)/Patent under Reexamination

MARLOWE, IRA

Art Unit

2614

SEARCHED			
Class	Subclass	Date	Examiner
381	86	5/18/2009	JK
340	825.24	5/18/2009	JK
700	94	5/18/2009	JK
710	303	5/18/2009	JK
455	99	5/18/2009	JK
Update	Above	2/11/2011	JK
348	837,838	2/11/2011	JK
725	75	2/11/2011	JK
455	3.06	2/11/2011	JK
701	36	02/07/2012	XM

SEARCH NOTES (INCLUDING SEARCH STRATEGY)		
	DATE	EXMR
Inventor Search USC 101 Reviewed	5/18/2009	JK
Searched related apps 10/316961 11/805799 reviewed tagged docs	5/18/2009	JK
Searched: Portable devices interfacing with audio systems	2/9/2010	JK
Searched: Voice recognition in file selection	2/25/2010	JK
updated class Search Searched: TV and Video Distribution classes for tv in vehicles	2/11/2011	JK
updated search	11/15/11	XM
updated search on class/subclass as listed	02/07/2012	xm
updated search	02/10/2012	XM

INTERFERENCE SEARCHED			
Class	Subclass	Date	Examiner
same class/subclass as listed		02/10/2012	xm

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	)	Group Art Unit: 2614
Ira Marlowe)	
	)	Examiner: Xu Mei
)	
Serial No.: 11/475,847	)	Attorney File No.: IM002
)	
Filed: June 27, 2006	)	Office Action Mailed On: 11/29/2011
)	
For: MULTIMEDIA DEVICE	)	Confirmation No.: 9001
INTEGRATION SYSTEM)	
_____)	

**Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

OK TO ENTER: /X.M./

REPLY TO OFFICE ACTION

Sir:

In this Reply, Applicant responds to the outstanding final Office action mailed on the date shown above (the "Final Office Action" hereinafter). The Final Office Action set a shortened statutory period of three months for reply. This amendment is being filed within the set period and therefore is timely. If the undersigned is mistaken regarding timeliness of this Reply, Applicant conditionally petitions for an extension of time as needed, and authorization is granted to charge the applicable small entity time extension fee to Deposit Account Number 50-3196. If additional or

other fees are necessary for filing of this paper, authorization is granted to charge such fees as they apply to a small entity to the same Deposit Account.

Amendments to the claims are reflected in the listing of claims that begins on page 3 of this paper.

Remarks begin on page 30 of this paper.

LFW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Customer No. 27614

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Examiner: Not Yet Assigned
Art Unit: 2618

Re: Our file: 99879-00026
Applicant: Ira Marlowe
Serial No.: 11/475,847
Filed: 06/27/2006
For: Multimedia Device Integration System

Sir:

Enclosed for filing in the United States Patent and Trademark Office is the following:

- 1. Transmittal of Information Disclosure Statement
- 2. Form PTO-1449 (12 pages)
- 3. Copies of References 10, 11, 21, 22, 32, 33, 40, 41, 47, 48 and 54-120 from Form PTO-1449
- 4. Transmittal Sheet
- 5. Postcard Receipt

CONDITIONAL PETITION

If any extension of time is required for the submission of the above-identified items, Applicant requests that this be considered a petition therefor. Please charge any additional charges or any other charges relating to this matter, or credit any overpayment, to the Deposit Account of the writer, **Account No. 503571**. A duplicate copy of this letter is enclosed.

2/16/07
Date

Respectfully submitted,

Michael R. Friscia
Registration No. 33,884
McCarter & English, LLP
Four Gateway Center
100 Mulberry Street
Newark, NJ 07102
Tel: (973) 639-8493
Fax: (973) 297-6627

Check One and Complete:

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that this correspondence is being deposited with the United States Postal Service, postage prepaid, as "Express Mail Post Office to Addressee," Mailing Label No. _____ US to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on _____.

By: _____

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify that this correspondence is being deposited with the United States Postal Service, First Class Mail, postage prepaid, to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 2/16/07.

By:
Janelle Fava

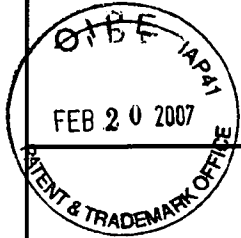
TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
99879-00026

In Re Application Of: **Ira Marlowe**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
11/475,847	06/27/2006	Not Yet Assigned	27614	2618	9001

Title: **Multimedia Device Integration System**



Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

- the statement specified in 37 CFR 1.97(e);

OR

- the fee set forth in 37 CFR 1.17(p).

P10A/REV06

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
99879-00026

In Re Application of: **Ira Marlowe**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
11/475,847	06/27/2006	Not Yet Assigned	27614	2618	9001

Title: **Multimedia Device Integration System**



Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of _____ is attached.
- The Director is hereby authorized to charge and credit Deposit Account No. 503571 as described below.
 - Charge the amount of _____
 - Credit any overpayment.
 - Charge any additional fee required.
- Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fa: _____)

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____

2/16/07
(Date)

Janelle Fava
Signature of Person Mailing Correspondence

Janelle Fava
Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by deposit account.

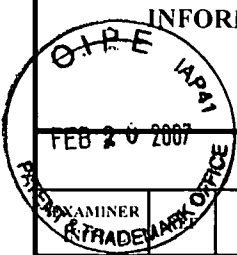
[Signature]
Signature

Dated: 2/16/07

Michael R. Friscia
Registration No. 33,884
McCarter & English, LLP
Four Gateway Center
100 Mulberry Street
Newark, NJ 07102
Tel: (973) 639-8493
Fax: (973) 297-6627

CC:

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) 99879-00026	Application Number 11/475,847
	Applicant(s) Ira Marlowe	
	Filing Date 06/27/2006	Group Art Unit 2618



U.S. PATENT DOCUMENTS

#	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
1	6,993,615	01/31/2006	Falcon	710	303	11/15/2002
2	6,629,164	09/30/2003	Bhogal, et al.	711	111	11/03/2000
3	6,653,948	11/25/2003	Kunimatsu, et al.	340	995.19	06/05/2000
4	6,648,661	11/18/2003	Byrne, et al.	439	188	11/08/2002
5	6,591,085	07/08/2003	Grady	455	42	07/17/2002

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6	US 2005/0239434 A1	10/27/2002	Marlowe	455	345	03/03/2005
	7	US 2004/0151327 A1	08/05/2004	Marlowe	381	86	12/10/2003
	8	US 2004/0091123 A1	05/13/2004	Stark, et al.	381	86	11/08/2002
	9	US 2003/0215102 A1	11/20/2003	Marlowe	381	77	12/11/2002

FOREIGN PATENT DOCUMENTS

#	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	10	VoiceBox Technologies, printout from website http://www.voiceboxtechnologies.com/auto.php (2 pages). 2001-2006.
	11	"Video: A Dashboard That is Really a PC," printout from website http://news.com.com/1606-2_3-6052333.html (3 pages). 2006.

EXAMINER <i>/Xu Mei/</i>	DATE CONSIDERED 02/07/12
-----------------------------	-----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) 99879-00026	Application Number 11/475,847
	Applicant(s) Ira Marlowe	
	Filing Date 06/27/2006	Group Art Unit 2618

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	12	6,396,164	05/28/2002	Barnea, et al.	307	10.1	10/20/1999
	13	6,389,332	05/14/2002	Hess, et al.	701	1	05/01/2000
	14	6,374,177	04/16/2002	Lee, et al.	701	200	09/20/2000
	15	6,346,917	02/12/2002	Fuchs, et al.	343	713	11/09/2000
	16	6,330,337	12/11/2001	Nicholson, et al.	381	86	01/19/2000

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	17	US 2003/0086699 A1	05/08/2003	Benyamin, et al.	386	96	02/15/2002
	18	US 2003/0053638 A1	03/20/2003	Yasuhara	381	86	09/13/2002
	19	US 2003/0007649 A1	01/09/2003	Riggs	381	86	06/14/2002
	20	US 2002/0197954 A1	12/26/2002	Schmitt, et al.	455	41	12/31/2001

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

21	"Blitz Safe Offers XM Cables for Radios," printout from website http://www.twice.com/article/CA190041.html?text=blitz+safe (2 pages)	2002.
22	"Integration Products May Impact Satellite Radio," printout from website http://www.twice.com/article/CA200541.html?text=blitz+safe (3 pages)	2002.

EXAMINER <i>/Xu Mei/</i>	DATE CONSIDERED <i>02/07/12</i>
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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) 99879-00026	Application Number 11/475,847
	Applicant(s) Ira Marlowe	
	Filing Date 06/27/2006	Group Art Unit 2618

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	23	6,295,033	09/25/2001	Chatzipetros, et al.	343	713	05/25/1999
	24	6,278,697	08/21/2001	Brody, et al.	370	310	07/29/1997
	25	6,163,079	12/19/2000	Miyazaki, et al.	307	10.1	07/23/1998
	26	6,157,725	12/05/2000	Becker	381	86	12/10/1997
	27	6,058,319	05/02/2000	Sadler	455	569	03/05/1997

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	28	US 2002/0180767 A1	12/05/2002	Northway, et al.	345	698	06/04/2001
	29	US 2002/0133610 A1	09/19/2002	Hadland	709	230	05/03/2002
	30	US 2002/0091863 A1	07/11/2002	Schug	709	250	10/19/2001
	31	US 2002/0085730 A1	07/04/2002	Holland	381	334	11/19/2001

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	32	"OEM Integration Poised for Strong Growth," printout from website http://www.twice.com/article/CA200523.html?text=blitz+safe (3 pages)			2002.		
	33	"Blitzsafe Overview," from Blitzsafe.com website-"The Worldwide Leader in Aftermarket Interfaces and OEM Engineering" (1 page).					no date on ref.

EXAMINER <i>/Xu Mei/</i>	DATE CONSIDERED 02/07/12
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	Applicant(s) Ira Marlowe	
	Filing Date 06/27/2006	Group Art Unit 2618

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	34	6,052,603	04/18/2000	Kinzalow, et al.	455	557	09/18/1997
	35	6,005,488	12/21/1999	Symanov, et al.	340	825.56	12/03/1997
	36	5,794,164	08/11/1998	Beckert, et al.	701	1	11/29/1995
	37	5,410,675	04/25/1995	Shreve, et al.	395	500	09/17/1993
	38	5,339,362	08/16/1994	Harris	381	86	01/07/1992

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	39	US 2001/0044664 A1	11/22/2001	Mueller, et al.	700	94	03/23/2001

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	40	"Delphi XM SKYFI(TM) RADIO," product description from XM Satellite Radio website (2 pages). <div style="text-align: right;">2003.</div>
	41	The New Delphi XM SKYFi Radio Add it to Any Car or Home Audio System, product description from www.xmradio.com (1 page). <div style="text-align: center;">2002.</div>

EXAMINER <i>/Xu Mei/</i>	DATE CONSIDERED <i>02/07/12</i>
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	Applicant(s) Ira Marlowe	
	Filing Date 06/27/2006	Group Art Unit 2618

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	42	4,943,978	07/24/1990	Rice	375	1	01/17/1989
	43	4,817,130	03/28/1989	Frimmel, Jr.	379	88	12/05/1986
	44	Re. 34,536	02/08/1994	Frimmel, Jr.	379	88	06/28/1990
	45	4,772,079	09/20/1988	Douglas, et al.	312	257	09/26/1986
	46	4,562,533	12/31/1985	Hodel, et al.	364	200	08/20/1984

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	47	Mobile Electronics: News, "Soundgate to Release New GM and BMW Interfaces," December 2, 2002, ME-Mag.com (1 page).
		"Welcome to Ventura Technology," from Venturatechnology.com (2 pages).
	48	no date on ref.

EXAMINER <i>/Xu Mei/</i>	DATE CONSIDERED 02/07/12
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	Applicant(s) Ira Marlowe	
	Filing Date 06/27/2006	Group Art Unit 2618

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	49	4,234,919	11/18/1980	Bruce, et al.	364	200	10/31/1978
	50	4,091,455	05/23/1978	Woods, et al.	364	200	12/20/1976
	51	4,068,104	01/10/1978	Werth, et al.	179	175.3	05/14/1976
	52	4,047,162	09/06/1977	Dorey, et al.	364	200	04/28/1975
	53	3,940,743	02/24/1976	Fitzgerald	340	172.5	11/05/1973

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		Ventura Technology product descriptions from www.venturatechnology.net (1 page).
	54	no date on ref.
	55	"Phatnoise Digital Media Players," product description from http://www.phatnoise.com (2 pages). 1999-2003.

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	Applicant(s) Ira Marlowe	
	Filing Date 06/27/2006	Group Art Unit 2618

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
56	"Automedia," magazine pages from June/July 1996 issue (2 pages).
57	"Automedia," magazine pages from January 1998 issue (2 pages).
58	"Automedia," magazine pages from February 1998 issue (2 pages).
59	"Automedia," magazine pages from July 1998 issue (2 pages).
60	"Automedia," magazine pages from September 1998 issue (2 pages).
61	"Automedia," magazine pages from November 1998 issue (12 pages).
62	"Automedia," magazine pages from February 1999 issue (2 pages).
63	"Automedia," magazine pages from February 1999 issue (2 pages).
64	"Car Stereo Review," magazine pages from June 1998 issue (5 pages).
65	"Car Stereo Review," magazine pages from January 1999 issue (2 pages).
66	"Car Stereo Review," magazine pages from April 1999 issue (3 pages).
67	"Car Audio and Electronics," magazine pages from December 1998 issue (2 pages).

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		Applicant(s) Ira Marlwe	
		Filing Date 06/27/2006	Group Art Unit 2618
*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
68	"Car Audio and Electronics," magazine pages from April 1999 issue (2 pages).		
69	"Car Audio and Electronics," magazine pages from June 1999 issue (2 pages).		
70	"Carsound," magazine pages from May/June 1999 issue (3 pages).		
71	"Mobile Electronics Retailer," magazine pages from August 1997 issue (4 pages).		
72	"Mobile Electronics," magazine pages from July 1999 issue (7 pages).		
73	"Mobile Electronics," magazine pages from August 2000 issue (2 pages).		
74	"Cesmobile," magazine pages from January 1999 issue (3 pages).		
75	"The 12 Volt News," magazine pages from March 2002 issue (2 pages).		
76	"P.I.E. Millennium Price Guide Make the Precision Decision," Precision Interface Electronics, Inc. (6 pages). 2000.		
77	"PIE 1999 Price Guide," Precision Interface Electronics, Inc. (4 pages).		
78	"Design & Engineering Showcase Award," award presented to Precision Interface Electronics, Inc. for DPX Technology Digital Protocol Converter FRDN/PC-KNW, 2000 International CES (1 page).		
79	"Design & Engineering Showcase Award," award presented to Precision Interface Electronics, Inc. for DPX Technology Digital Protocol Converter GM9/PC-KNW, 2000 International CES (1 page).		
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	Applicant(s) Ira Marlowe	
	Filing Date 06/27/2006	Group Art Unit 2618

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
80	Invoice dated January 28, 1998 from Precision Interface Electronics, Inc. for "Ford FCU-Sanyo Protocol," and "Ford RCU Sanyo Protocol" (1 page).
81	Invoice dated January 29, 1999 from Precision Interface Electronics, Inc. for "Ford NCU-Sanyo Protocol" (1 page).
82	Invoice dated April 26, 1999 from Precision Interface Electronics, Inc. for "9 Pin GM-Kenwood Protocol," and "10 Pin GM-Kenwood Protocol" (1 page).
83	Invoice dated April 27, 1999 from Precision Interface Electronics, Inc. for "9 Pin GM-Kenwood Protocol" (1 page).
84	Invoice dated May 27, 1999 from Precision Interface Electronics, Inc. for "10 Pin GM-Kenwood Protocol," and "9 Pin GM-Kenwood Protocol" (1 page).
85	Invoice dated March 20, 2000 from Precision Interface Electronics, Inc. for "98-2000 Pre-Wired VW 6 DIS" (1 page).
86	Invoice dated March 20, 2000 from Precision Interface Electronics, Inc. for "98-2000 Pre-Wired VW 8 DIS," and "1998-2000 Audi to Pan 8 PC" (1 page).
87	Invoice dated December 17, 2001 from Precision Interface Electronics, Inc. for "98-02 Ford/Lincoln/Mercury" (1 page).
88	Invoice dated December 17, 2001 from Precision Interface Electronics, Inc. for "98-02 Ford/Lincoln/Mercury" (1 page).
89	Invoice dated May 29, 2002 from Precision Interface Electronics, Inc. for "95-01 GMC/Chev/Pontiac AUX," and "98-02 Ford/Lincoln/Merc AU" (1 page).
90	Toyota/Avox Interface Rev. Eng., Peripheral Model TIAS, created February 15, 1998 (1 page).
91	GM/Kenwood Translator diagram, created February 4, 1999 (2 pages).

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	Filing Date 06/27/2006	Group Art Unit 2618

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
92	Ford/Audiovox Translator diagram, created December 29, 1997 (2 pages).
93	Component Side Silkscreen, created December 31, 1997 (2 pages).
94	Component Xray, created February 4, 1992 (2 pages).
95	"SoundGate, Ventura Announce Sophisticated OEM-Integration Interfaces," article from The 12 Volt News, December 2002 (1 page).
96	"XMDirect Smart Digital Adapter," product description (3 pages). 2001-2004.
97	"Breaking Protocol A Look at BlitzSafe's New DMX Protocol Converter Technology," November 1998 printout from http://www.blitzsafe.com/blitz_news/news101998/body_news101998.html (2 pages).
98	"PIE Virtual Catalog," printout from http://web.archive.org/web/19981205005802/http://www.pie.net/sec12sbl.htm (2 pages). 2005.
99	"The UniLink Project," printout from website (2 pages). 1999.
100	"CD Changer Interfaces," printout from http://web.archive.org/web/19991012021952/soundgate.com/cd-inter.html (1 page). 1999.
101	"Digital Obsessions A Spotlight on Audio Gadgets, ZDNet Music: The PhatNoise Car Audio System," printout from http://web.archive.org/web/20000815203327/music.zdnet.com/features/phantnoise (3 pages). 2000.
102	"Bypassing and Switching With the CD4053 CMOS Analog MUX," printout from website (4 pages). 2000.
103	"Device Profile: PhatNoise PhatBox Car MP3 Player," November 1, 2000, printout from http://techupdate.zdnet.com/techupdate/stories/main/0,14179,2649276,00.htm (4 pages).

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	Filing Date 06/27/2006	Group Art Unit 2618

*EXAMINER INITIAL	OTHER DOCUMENTS	(Including Author, Title, Date, Pertinent Pages, Etc.)
	104	"The EZ Protoboard," printout from http://web.archive.org/web/20010613095105/http://www.ajusd.org/~edward/ezproto (2 pages). 2001.
	105	"TDIClub Forums: Reverse Engineering CD Changer Progress,," April 3, 2001, printout from website (3 pages).
	106	"TDIClub Forums: Reverse Engineering CD Changer Progress Reports,," April 5, 2001, printout from website (8 pages).
	107	"Multi Technology Equipment - Home of the Neo MP3 Player," printout from http://web.archive.org/web/20010413222617/ssiamerica.com/products/neo35/ (1 page). 2005.
	108	"TDIClub Forums: Reverse Engineering CD Changer Protocol Update," April 18, 2001, printout from website (3 pages).
	109	"The Car CD Changer Interface Page," printout from website (10 pages). 2001-2002.
	110	"SourceForge.net: Project Info - GNUlink," printout from http://sourceforge.net/projects/gnunilink/ (3 pages). 2005.
	111	"EZ Protoboard News," printout from website (3 pages). 2001-2002.
	112	"GNUlink - For All Your AUX-IN Needs..., "printout from http://gnunilink.sourceforge.net/ (4 pages). 2002.
	113	"VWCDPIC News, "printout from http://web.archive.org/web/20020701101541/http://www.ajusd.org/~edward/vwcdpic/ (8 pages). 2001-2002.
	114	"VWCDPIC News, "printout from http://web.archive.org/web/20021009014959/http://www.ajusd.org/~edward/vwcdpic/ (10 pages). 2001-2002.
	115	"Neo Car Jukebox MP3 Player," printout from website (3 pages). no date on ref.

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	Filing Date 06/27/2006	Group Art Unit 2618

*EXAMINER INITIAL	OTHER DOCUMENTS	(Including Author, Title, Date, Pertinent Pages, Etc.)
116	"Mobile Electronic E-Newsletter" dated January 13, 2005 (4 pages)	
117	"Axxess Introduces Two iPod Integration Units" product description dated January 19, 2005 (1 page).	
118	"Even More iPod Adapters On the Way," printout from twice.com website (2 pages).	2005.
119	"Alpine Showing First MOST-Ready Product," printout from twice.com website (2 pages).	2005.
120	"Bluetooth Gradually Enters Car Audio," prinout from twice.com website (2 pages).	2005.

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CONFIRMATION NO. 9001


SERIAL NUMBER 11/475,847	FILING or 371(c) DATE 06/27/2006 RULE	CLASS 381	GROUP ART UNIT 2614	ATTORNEY DOCKET NO.	
APPLICANTS Ira Marlowe, Fort Lee, NJ; ** CONTINUING DATA ***** This application is a CIP of 11/071,667 03/03/2005 which is a CIP of 10/732,909 12/10/2003 which is a CIP of 10/316,961 12/11/2002 PAT 7,489,786 ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 07/24/2006					
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and /JASON RICHARD KURR/ Acknowledged Examiner's Signature	<input type="checkbox"/> Met after Allowance Initials	STATE OR COUNTRY NJ	SHEETS DRAWINGS 36	TOTAL CLAIMS 91	INDEPENDENT CLAIMS 7
ADDRESS IRA M. MARLOWE BLITZSAFE OF AMERICA, INC. 33 HONECK STREET ENGLEWOOD, NJ 07631 UNITED STATES					
TITLE Multimedia device integration system					
FILING FEE RECEIVED 3755	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		

Issue Classification 	Application/Control No. 11475847	Applicant(s)/Patent Under Reexamination MARLOWE, IRA
	Examiner Xu Mei	Art Unit 2614

ORIGINAL						INTERNATIONAL CLASSIFICATION														
CLASS			SUBCLASS			CLAIMED					NON-CLAIMED									
381			86			H	O	4	B	1 / 00 (2006.0)										
CROSS REFERENCE(S)																				
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)																			
701	36																			
455	345																			

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant																<input type="checkbox"/> CPA																<input checked="" type="checkbox"/> T.D.																<input type="checkbox"/> R.1.47															
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(Assistant Examiner)		(Date)		Total Claims Allowed:	
/XU MEI/		02/12/2012		121	
Primary Examiner. Art Unit 2614		(Date)		O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)		(Date)		1	1

Issue Classification 	Application/Control No. 11475847	Applicant(s)/Patent Under Reexamination MARLOWE, IRA
	Examiner Xu Mei	Art Unit 2614

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant																<input type="checkbox"/> CPA																<input checked="" type="checkbox"/> T.D.																<input type="checkbox"/> R.1.47																																																																																																																																															
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		Total Claims Allowed:	
		121	
(Assistant Examiner)	(Date)	O.G. Print Claim(s)	O.G. Print Figure
/XU MEI/ Primary Examiner. Art Unit 2614	02/12/2012	1	1
(Primary Examiner)	(Date)		

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
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ENGLEWOOD, NJ 07631

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/475,847	06/27/2006	Ira Marlowe		9001

TITLE OF INVENTION: MULTIMEDIA DEVICE INTEGRATION SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$870	\$300	\$0	\$1170	05/16/2012

EXAMINER	ART UNIT	CLASS-SUBCLASS
MEI, XU	2614	381-086000

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</p>	<p>2. For printing on the patent front page, list</p> <p>(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,</p> <p>(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.</p> <p>1 <u>Anatoly S. Weiser, Esq.</u></p> <p>2 <u>Acuity Law Group</u></p> <p>3 <u>---</u></p>
---	---

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent) : Individual Corporation or other private group entity Government

<p>4a. The following fee(s) are submitted:</p> <p><input checked="" type="checkbox"/> Issue Fee</p> <p><input checked="" type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
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5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature /Anatoly S. Weiser/ Date 2/16/2012

Typed or printed name Anatoly S. Weiser Registration No. 43,229

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Electronic Patent Application Fee Transmittal

Application Number:	11475847
Filing Date:	27-Jun-2006
Title of Invention:	MULTIMEDIA DEVICE INTEGRATION SYSTEM
First Named Inventor/Applicant Name:	Ira Marlowe
Filer:	Anatoly Weiser.
Attorney Docket Number:	

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Appl issue fee	2501	1	870	870
Publ. Fee- early, voluntary, or normal	1504	1	300	300

Petitioners

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1170

Electronic Acknowledgement Receipt

EFS ID:	12098011
Application Number:	11475847
International Application Number:	
Confirmation Number:	9001
Title of Invention:	MULTIMEDIA DEVICE INTEGRATION SYSTEM
First Named Inventor/Applicant Name:	Ira Marlowe
Correspondence Address:	IRA M. MARLOWE - BLITZSAFE OF AMERICA, INC. 33 HONECK STREET ENGLEWOOD NJ 07631 US - -
Filer:	Anatoly Weiser.
Filer Authorized By:	
Attorney Docket Number:	
Receipt Date:	16-FEB-2012
Filing Date:	27-JUN-2006
Time Stamp:	18:38:57
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$1170

Petitioners

RAM confirmation Number		5897			
Deposit Account					
Authorized User					
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	IssueFee-PartB.pdf	94993	no	1
			040924b31b24ea2b9ef286ea234134d89dd35890		
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	31620	no	2
			b136c8cf043405bf84d6f196989488ef80fab6ae		
Warnings:					
Information:					
Total Files Size (in bytes):			126613		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
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www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/475,847	06/27/2006	Ira Marlowe		9001

7590 02/27/2012
 IRA M. MARLOWE
 BLITZSAFE OF AMERICA, INC.
 33 HONECK STREET
 ENGLEWOOD, NJ 07631

EXAMINER

MEI, XU

ART UNIT	PAPER NUMBER
2614	

MAIL DATE	DELIVERY MODE
02/27/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Application No. : 11475847
Applicant : Marlowe
Filing Date : 06/27/2006
Date Mailed : 02/27/2012

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Notice of Allowance Mailed

This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given 1 month(s) from the mail date of this Notice, or the time remaining from the Notice of Allowance and Fee(s) Due, whichever is longer, within which to respond.

The informalities requiring correction are indicated in the attachment(s). If the informality pertains to the abstract, specification (including claims) or drawings, the informality must be corrected with an amendment in compliance with 37 CFR 1.121 (or, if the application is a reissue application, 37 CFR 1.173). Such an amendment may be filed after payment of the issue fee if limited to correction of informalities noted herein. See Waiver of 37 CFR 1.312 for Documents Required by the Office of Patent Publication, 1280 Off. Gaz. Patent Office 918 (March 23, 2004). In addition, if the informality is not corrected until after payment of the issue fee, for purposes of 35 U.S.C. 154(b)(1)(iv), "all outstanding requirements" will be considered to have been satisfied when the informality has been corrected. A failure to respond within the above-identified time period will result in the application being ABANDONED. **This period for reply is NOT extendable under 37 CFR 1.136(a).**

See attachment(s).

*A copy of this notice **MUST** be returned with the reply. Please address response to "Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450".*

/Tamika Tolbert/
Publication Branch
Office of Data Management
(571) 272-4200

IDENTIFICATION OF APPLICATION DEFICIENCIES

- Applicant must provide legible text for the following item(s).
 - Specification filed 06/27/2006, page(s) 1.
 - Claims filed , claim(s) .
 - Oath/declaration filed .
 - Other: .
- Applicant must provide missing information on the following page(s) of the specification by amending the specification to add the missing text. No new matter may be added. 1
- The specification refers to one or more applications by attorney docket number and does not show the U.S. application number(s). Applicant must supply the U.S. application number in place of each attorney docket number.
- Applicant must provide an Abstract of the Disclosure.
- Applicant has submitted a DECLARATION (37 CFR 1.63) FOR A UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) (e.g., form PTO/SB/01A). The Application Data Sheet, however, is not present with the filed application. Applicant must submit an Application Data Sheet or file a new oath or declaration (e.g., PTO/SB/01) executed by the inventors and containing the information required in 37 CFR 1.63.
- Applicant must provide an executed declaration.
- Applicant must provide the missing page(s) of the oath/declaration or Application Data Sheet filed
- Applicant must provide a declaration signed by inventor(s) .
- The oath/declaration filed shows non-initialed and/or non-dated alterations. Applicant must file a new oath/declaration in compliance with 37 CFR 1.67(a).
- Applicant(s) in the latest-filed oath/declaration or Application Data Sheet (ADS) did not show the inventor's residence at all, or did not show both a city and state in the U.S. inventor's residence, or did not show both a city and country in the non-U.S. inventor's residence. Applicant must supply an oath/declaration or Application Data Sheet (ADS) that shows each U.S. inventor's city and state of residence and each non-U.S. inventor's city and country of residence.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	)	Group Art Unit: 2614
Ira Marlowe)	
	)	Examiner: Xu Mei
)	
Serial No.: 11/475,847	)	Attorney File No.: IM002
)	
Filed: June 27, 2006	)	Office Action Mailed On: 2/27/2012
)	
For: MULTIMEDIA DEVICE	)	Confirmation No.: 9001
INTEGRATION SYSTEM)	
.....)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REPLY TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

Sir:

In this Reply, Applicant responds to the outstanding Notice to File Corrected Application Papers mailed on 2/27/2012 (the "Notice" hereinafter). The Notice set a period of one month for reply. This Reply is filed within the set period and therefore is timely.

Amendment to the specification begins on page 2 of this paper.

Remarks begin on page 3 of this paper.

REMARKS

This amendment is filed in response to the express requirement set forth in the Notice. The amendment updates the status of parent applications. It does not insert new matter,

Applicant respectfully submits that the amendment complies with the express requirement of the Notice. If the Office considers otherwise, kindly contact the undersigned attorney or applicant to allow us to comply fully with the Office's requirements.

To discuss any matter pertaining to the application, Office personnel are invited to call the undersigned attorney at (858) 720-9431.

Respectfully submitted,

Dated: February 27, 2012

/Anatoly S. Weiser/
Anatoly S. Weiser, Reg. No. 43,229
Acuity Law Group
3525 Del Mar Heights Road, #295
San Diego, CA 92130
(858) 720-9431

Electronic Acknowledgement Receipt

EFS ID:	12164584
Application Number:	11475847
International Application Number:	
Confirmation Number:	9001
Title of Invention:	MULTIMEDIA DEVICE INTEGRATION SYSTEM
First Named Inventor/Applicant Name:	Ira Marlowe
Correspondence Address:	IRA M. MARLOWE - BLITZSAFE OF AMERICA, INC. 33 HONECK STREET ENGLEWOOD NJ 07631 US - -
Filer:	Anatoly Weiser.
Filer Authorized By:	
Attorney Docket Number:	
Receipt Date:	27-FEB-2012
Filing Date:	27-JUN-2006
Time Stamp:	14:01:00
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

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Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Amendment after Notice of Allowance (Rule 312)	Amendment3-AfterPaymentOfIssueFee-Image.pdf	278315 <small>2c77cdf249497a845c5a4a87c4bf5e26c7d21ac</small>	no	3

Warnings:

Information:

Total Files Size (in bytes): 278315

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

AMENDMENT OF THE SPECIFICATION

Please replace paragraph on lines 15-20 of page 1 of the specification, immediately following the RELATED APPLICATIONS heading, with the following amended paragraph:

-- This application is a continuation-in-part of U.S. Patent Application Serial No. 11/071,667, filed March 3, 2005; ~~2005, now U.S. Patent No. _____~~, which is a continuation-in-part of U.S. Patent Application Serial No. 10/732,909 filed December 10, 2003; ~~2003, now U.S. Patent No. _____~~, which is a continuation-in-part of U.S. Patent Application Serial No. 10/316,961 filed December 11, 2002, now U.S. Patent No. 7,489,786, No. _____, the entire disclosures of which applications are each expressly incorporated herein by reference.--



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UNITED STATES DEPARTMENT OF COMMERCE
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Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
Values: 11/475,847, 06/27/2006, Ira Marlowe, (blank), 9001

IRA M. MARLOWE
BLITZSAFE OF AMERICA, INC.
33 HONECK STREET
ENGLEWOOD, NJ 07631

EXAMINER

MEI, XU

ART UNIT PAPER NUMBER

2614

MAIL DATE DELIVERY MODE

03/01/2012

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Response to Rule 312 Communication	Application No.	Applicant(s)
	11/475,847	MARLOWE
	Examiner	Art Unit
	MEI	2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

1. The amendment filed on 27 February 2012 under 37 CFR 1.312 has been considered, and has been:

- a) entered.
- b) entered as directed to matters of form not affecting the scope of the invention.
- c) disapproved because the amendment was filed after the payment of the issue fee.
Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.
- d) disapproved. See explanation below.
- e) entered in part. See explanation below.



Publishing Division

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) 99879-00026	Application Number 11/475,847
	Applicant(s) Ira Marlowe	
	Filing Date 06/27/2006	Group Art Unit 2618



U.S. PATENT DOCUMENTS

	EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	6,993,615	01/31/2006	Falcon	710	303	11/15/2002
Change(s) applied to document	2	6,629,164 6629197	09/30/2003	Bhogal, et al.	711	111	11/03/2000
	3	6,653,948	11/25/2003	Kunimatsu, et al.	340	995.19	06/05/2000
T.C.T./	4	6,648,661	11/18/2003	Byrne, et al.	439	188	11/08/2002
3/5/2012	5	6,591,085	07/08/2003	Grady	455	42	07/17/2002

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6	US 2005/0239434 A1	10/27/2002	Marlowe	455	345	03/03/2005
	7	US 2004/0151327 A1	08/05/2004	Marlowe	381	86	12/10/2003
	8	US 2004/0091123 A1	05/13/2004	Stark, et al.	381	86	11/08/2002
	9	US 2003/0215102 A1	11/20/2003	Marlowe	381	77	12/11/2002

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	10	VoiceBox Technologies, printout from website http://www.voiceboxtechnologies.com/auto.php (2 pages). 2001-2006.
	11	"Video: A Dashboard That is Really a PC," printout from website http://news.com.com/1606-2_3-6052333.html (3 pages). 2006.

EXAMINER <i>/Xu Mei/</i>	DATE CONSIDERED 02/07/12
-----------------------------	-----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/475,847	04/10/2012	8155342		9001

7590 03/21/2012

IRA M. MARLOWE
BLITZSAFE OF AMERICA, INC.
33 HONECK STREET
ENGLEWOOD, NJ 07631

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment is 516 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Ira Marlowe, Fort Lee, NJ;