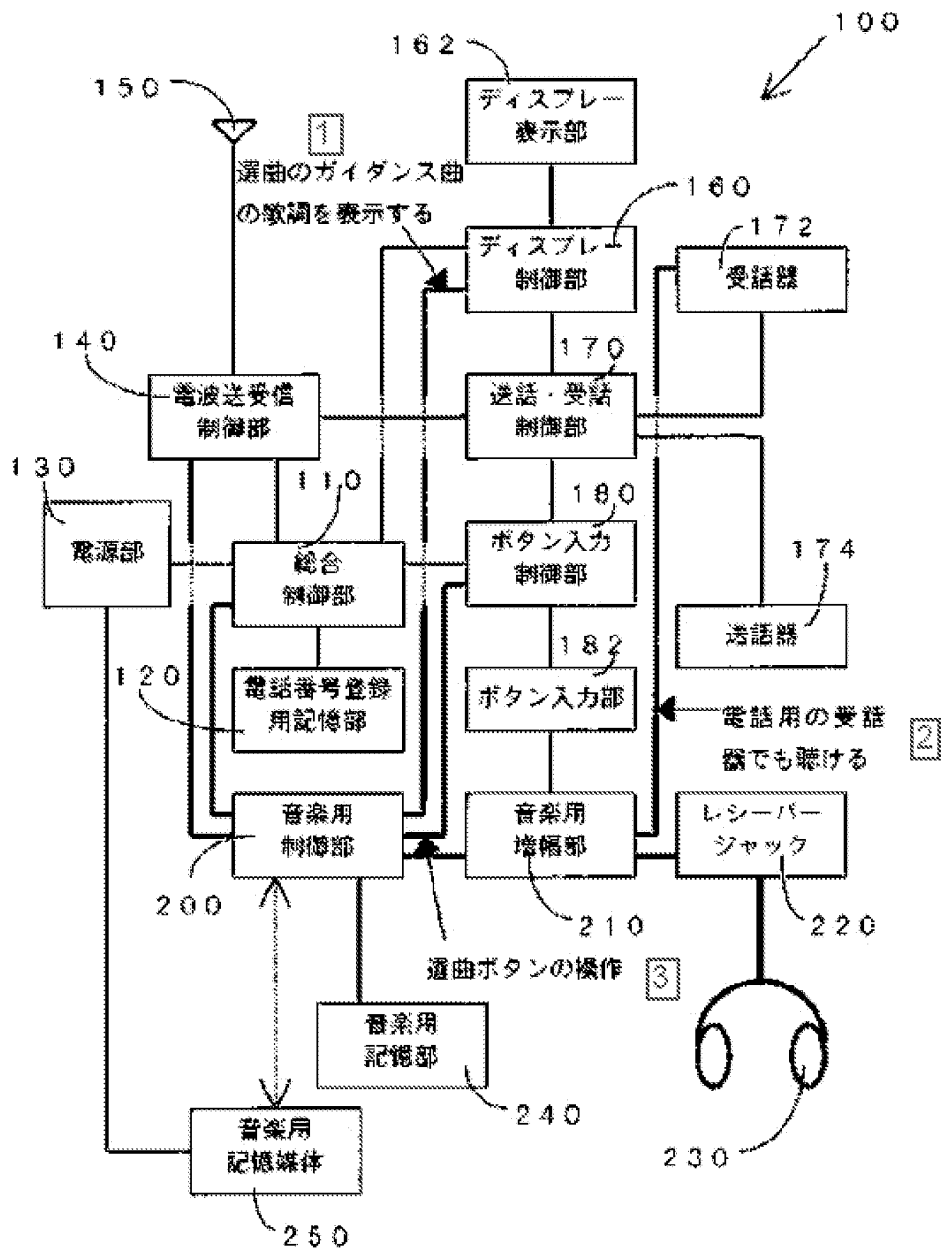


[Fig. 2]



150- display lyrics of selected downloaded track, 2-hear also using telephone receiver, 3- operation of selected button, 110- integrated control section, 120- memory section used for telephone number registration, 130- power supply section, 140- electromagnetic wave reception control section, 160- display control section, 162- display section, 170- sending and receiving control section, 172- receiver, 174- transmitter, 180- button input control

section, 182- button input section, 200-music controller, 210- amplification section for music, 220- receiver jack, 240-memory section for music, 250- memory media for music

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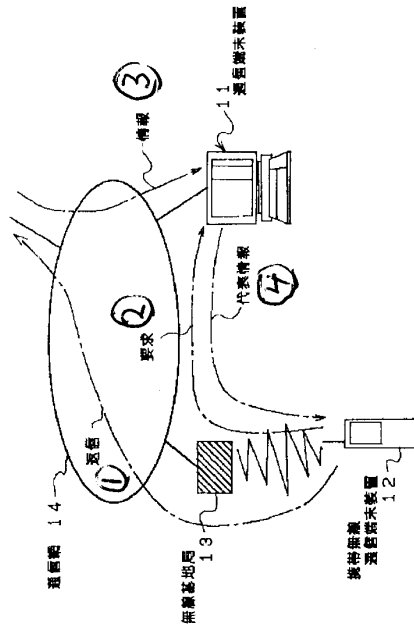
(54) [Title of the Invention] Multimedia Communication System and Terminal Apparatus Thereof

(57) [Abstract]

[Purpose] In order to match all media to a scale corresponding to a transmission capacity, to provide a multimedia communication system capable of creating representative information for which some information is thinned out by the information transfer side.

[Constitution] Representative information, with the amount of information reduced on the communication terminal device 11 to an extent that the original-like attribute of the received information is not lost, is extracted, and when requested by a mobile wireless communication terminal device 12, the representative information is transferred from the communication terminal device 11 to the mobile wireless communication terminal device 12 via the communication network 14 and the wireless base station 13.

[Effects] By receiving representative information, the mobile wireless communication terminal device 12, too, that has a limited information retention capacity, can easily keep track of the content of the information itself.



- 1 Reply
- 2 Request
- 3 Information
- 4 Representative information
- 14 Communication network
- 13 Wireless base station
- 12 Portable wireless communication terminal device
- 11 Communication terminal device

[What Is Claimed Is]

[Claim 1] A multimedia communication system, comprising: at least one first communication terminal device, at least one second communication terminal device, and a communication network that connects said first and second communication terminal devices; wherein said first communication terminal device comprises: a communication unit that sends and receives various types of information to and from the communication networks, a high-function processing unit that extracts representative information with a reduced amount of information from the received information to an extent that does not lose the original-like attribute, a communication recording unit that records in time-series the representative information obtained from said high-function processing unit, and a database unit that stores the received information and the representative information acquired from said high-function processing unit by associating them, such that keyword searches can be made on said stored information; wherein said second communication terminal device, which is portable, comprises: a communication unit that receives information and transmits new information, an icon display unit that separates media information from the received information and displays different types of icons based on the types of said media information, and a communication processing unit that performs the processing of selecting communication means and communication media from instructions input that corresponds to said icons and that is interactive.

[Claim 2] The multimedia communication system of Claim 1, wherein said first communication terminal device has an information transfer means that transfers extracted representative information to another communication terminal device.

[Claim 3] The multimedia communication system of Claim 1 or 2, wherein said first communication terminal device has an information transfer means that transfers the original information corresponding to the representative information based on instructions from said second communication terminal device to any communication terminal device.

[Claim 4] The multimedia communication system of Claim 1, 2, or 3, wherein said communication network and said first or second communication terminal device send and receive data wirelessly.

[Claim 5] The multimedia communication system of Claim 1, 2, 3, or 4, wherein the multimedia communication system comprises a video distribution center connected to said communication network, and wherein said first communication terminal device comprises a set top that makes it possible to display the video information from said video distribution center on a display unit as well as a means of extracting representative information from said video information.

[Claim 6] A multimedia communication terminal device, comprising: a communication unit that sends and receives various types of information to and from communication networks, a high-function processing unit that extracts representative information with a reduced amount of information from the received information to an extent that does not lose the original-like attribute, a communication recording unit that records in time-series the representative information obtained from said high-function processing unit, and a database unit that stores the received information and the representative information acquired from said high-function processing unit by associating them, such that keyword searches can be made on said stored information.

[Claim 7] The multimedia communication terminal device of Claim 6, wherein the device has an information transfer means that transfers said representative information to another communication terminal device.

[Claim 8] The multimedia communication terminal device of Claim 6, wherein the terminal device has an information transfer means that transfers the original information corresponding to

the representative information based on instructions from another communication terminal device to any communication terminal device.

[Claim 9] A multimedia communication terminal device, which is portable, comprising: a communication unit that receives information and transmits new information, an icon display unit that separates media information from the received information and displays different types of icons based on the types of said media information, and a communication processing unit that performs the processing of selecting communication means and communication media from instructions input that corresponds to said icons and that is interactive.

[Detailed Description of the Invention]

[0001]

[Field of Industry] This invention is directed to a multimedia communication system that performs information transfer services in multimedia communications and terminal devices thereof.

[0002]

[Prior Art] In recent years, there have been rapid advances in information transfer services in multimedia communications, leading to the provision of various services. For example, pagers (e.g., pocket bells) that call a person wirelessly and cause him or her to contact a given place, and pagers that implement bidirectional communications through the addition of a function that transmits handwritten characters and data have come to be provided, and the following services as information transfer services that use such pagers are known:

[0003] 1. Voice mail service, wherein when the caller dials a number assigned by a center, the center rings the pager that is called, and the call-receiving party accesses (telephones) a number assigned by the center to listen to the message. (Recruit "Delta Mail", TTM Comm-Net "Bell Voice", and the like). 2. A voice mail service, wherein a center on a network transfers and records an answering-machine-recorded message to the same company, and simultaneously uses a pager to call the away-from-phone party wirelessly. The called party can telephone the center to listen to said transferred and recorded message. (MIT Systems Laboratories, "Call Anywhere"). 3. A monitoring system, wherein, when a machine that runs on an unattended basis fails, the event is conveyed to a pager through a modem, eight types of failures are recognized, and different codes corresponding to these failures are transmitted. (Kyowa System, "Communications Expert", Energy Support, "Pocket Bell Monitor.")

[0004]

[Problems to Be Solved by the Invention] In the conventional multimedia communication system described above, however, due to a transmission limited capacity of the pager to which information is transferred, the type of information that can be transferred is limited to voice and small amounts of data, and the conventional system is up against a first problem: the inability to transfer large-volume data and video information. There is also a second problem: the requirement that the terminal used to receive incoming calls in wireless calls be different from the terminal that makes a call in order to obtain an actual message. Also there is a third problem in that, because the communication is basically a bidirectional communication, it is not possible for the user to request repeated deliveries of a message if details on the first delivery were missed. Also, there is a fourth problem in that, whereas a bidirectional pager can make and receive calls using the same terminal equipment, a log of calls received cannot be saved. Also, there is a fifth problem in that the system does not provide a user interface that would permit initialing a new call based on log information on received calls.

[0005] In view of the above problems, an objective of the present invention, in order to match all media to a scale corresponding to a transmission capacity, is to provide a multimedia communication system capable of creating representative information for which some information is thinned out by the information transfer side. A second objective of the present invention is to

provide a multimedia communication system capable of transmitting new detailed information based on log information on incoming calls as well as requests for detailed information; a third objective of the present invention is to provide a multimedia communication system capable of associating representative information, a communications log, and incoming call data itself by storing a communications log. And a fourth objective of the present invention is to provide a multimedia communication system in which the user interface is structured in terms of information and that uses an icon display means for an easy-to-see display.

[0006]

[Means of Solving the Problems] In order to accomplish the above objectives, Claim 1 proposes the following multimedia communication system: a multimedia communication system, comprising: at least one first communication terminal device, at least one second communication terminal device, and a communication network that connects said first and second communication terminal devices; wherein said first communication terminal device comprises: a communication unit that sends and receives various types of information to and from the communication networks, a high-function processing unit that extracts representative information with a reduced amount of information from the received information to an extent that does not lose the original-like attribute, a communication recording unit that records in time-series the representative information obtained from said high-function processing unit, and a database unit that stores the received information and the representative information acquired from said high-function processing unit by associating them, such that keyword searches can be made on said stored information; wherein said second communication terminal device, which is portable, comprises: a communication unit that receives information and transmits new information, an icon display unit that separates media information from the received information and displays different types of icons based on the types of said media information, and a communication processing unit that performs the processing of selecting communication means and communication media from instructions input that corresponds to said icons and that is interactive.

[0007] Claim 2 proposes: in the multimedia communication system of Claim 1, said first communication terminal device has an information transfer means that transfers extracted representative information to another communication terminal device.

[0008] Claim 3 proposes: in the multimedia communication system of Claim 1 or 2, said first communication terminal device has an information transfer means that transfers the original information corresponding to the representative information based on instructions from said second communication terminal device to any communication terminal device.

[0009] Claim 4 proposes: in the multimedia communication system of Claim 1, 2, or 3, said communication network and said first or second communication terminal device send and receive data wirelessly.

[0010] Claim 5 proposes: in the multimedia communication system of Claim 1, 2, 3, or 4, the multimedia communication system comprises a video distribution center connected to said communication network, and said first communication terminal device comprises a set top that makes it possible to display the video information from said video distribution center on a display unit as well as a means of extracting representative information from said video information.

[0011] Claim 6 proposes: a multimedia communication terminal device, comprising: a communication unit that sends and receives various types of information to and from communication networks, a high-function processing unit that extracts representative information with a reduced amount of information from the received information to an extent that does not lose the original-like attribute, a communication recording unit that records in time-series the representative information obtained from said high-function processing unit,

and a database unit that stores the received information and the representative information acquired from said high-function processing unit by associating them, such that keyword searches can be made on said stored information.

[0012] Claim 7 proposes: in the multimedia communication terminal device of Claim 6, the device has an information transfer means that transfers said representative information to another communication terminal device.

[0013] Claim 8 proposes: in the multimedia communication terminal device of Claim 6, the terminal device has an information transfer means that transfers the original information corresponding to the representative information based on instructions from another communication terminal device to any communication terminal device.

[0014] Claim 9 proposes: a multimedia communication terminal device, which is portable, comprising: a communication unit that receives information and transmits new information, an icon display unit that separates media information from the received information and displays different types of icons based on the types of said media information, and a communication processing unit that performs the processing of selecting communication means and communication media from instructions input that corresponds to said icons and that is interactive.

[0015]

[Operation of the Invention] According to the multimedia communication system of Claim 1, communications are conducted through a communication network between the first communication terminal device and the second communication terminal device, between a first communication terminal device and another first communication terminal device, or between a second communication terminal device and another second communication terminal device. In this case, in said first communication terminal device, a communication unit sends and receives various types of information to and from said communication networks, a high-function processing unit extracts representative information with a reduced amount of information from the received information to an extent that does not lose the original-like attribute, and a communication recording unit records in time-series the representative information obtained from said high-function processing unit. Further, a database unit stores the received information and the representative information acquired from said high-function processing unit by associating them, such that keyword searches can be made on said stored information. In addition, in said second communication terminal device, a communication unit receives information and transmits new information, and an icon display unit separates media information from the received information and displays different types of icons based on the types of said media information. Further, a communication processing unit selects communication means and communication media from instructions input that corresponds to said icons and that is interactive.

[0016] According to Claim 2, an information transfer means transfers the representative information extracted in said first communication terminal device to another communication terminal device. In this manner, the second terminal device that has a small data storage capacity can also keep track of the contents of information by means of representative information.

[0017] According to Claim 3, the information transfer means of said first communication terminal device transfers the original information corresponding to the representative information based on instructions from said second communication terminal device to any communication terminal device. In this manner, the user who has the second communication terminal device, which is portable, can keep track of the content of details on information by means of representative information and view it by means of a handy first communication terminal device and other devices.

[0018] According to Claim 4, between said communication network and said first or second communication terminal device, data is sent and received wirelessly. In this manner, there is no restriction on the place of installation or use of communication terminal devices.

[0019] According to Claim 5, the set top for said first communication terminal device makes it possible to display the video information from the video distribution center on a display unit, to extract representative information from said video information, and to also transmit the representative information on said video information to another communication terminal device.

[0020] According to the multimedia communication system of Claim 6, a communication unit sends and receives various types of information to and from the communication networks, a high-function processing unit extracts representative information with a reduced amount of information from the received information to an extent that does not lose the original-like attribute, a communication recording unit records in time-series the representative information obtained from said high-function processing unit, and a database unit stores the received information and the representative information acquired from said high-function processing unit by associating them, such that keyword searches can be made on said stored information.

[0021] According to Claim 7, an information transfer means transfers said representative information to another communication terminal device. In this manner, even portable terminal devices that have a limited data storage capacity, for example, can keep track of the content of information by means of representative information.

[0022] According to Claim 8, information transfer means transfers the original information corresponding to the representative information based on instructions from another communication terminal device to any communication terminal device. In this manner, the user who has a portable communication terminal device, for example, with a small data storage capacity can view details on information, about which the content was tracked by means of representative information, by using a communication terminal device with a large data storage capacity that is located close to him or her.

[0023] According to the multimedia communication device of Claim 9, a communication unit receives information and transmits new information to another terminal device, and an icon display unit separates media information from the received information and displays different types of icons based on the types of said media information. Further, a communication processing unit selects communication means and communication media from instructions input that corresponds to said icons and that is interactive. In addition, [SOMETHING] [*Translator's note: the subject of the sentence missing*] is carried around and used by the user.

[0024]

[Embodiments] The following is an explanation of an embodiment of the present invention with references to drawings. FIG. 1 is a configuration diagram that shows the mode of communication network in the multimedia communication system of Embodiment 1 of the present invention. In the figure, Reference Number 11 denotes a communication terminal device; 12, a mobile wireless communication terminal device; 13, a wireless base station; and 14, a communication network.

[0025] The communication terminal device 11 is capable of conducting communications with the wireless base station 13 via the communication network 14. The portable wireless communication terminal device 12 is designed to wirelessly communicate with the wireless base station 13. In this manner, the portable wireless communication terminal device 12 can communicate with the communication terminal device 11 via the wireless base station 13 and the communication network 14.

[0026] FIG. 2 is a functional configuration diagram that depicts the communication terminal device 11 and the portable wireless communication terminal device 12 that implement the multimedia communication system described above. In the figure, (a) represents the functional configuration of the communication terminal device 11, and (b), the functional configuration of the portable wireless communication terminal device 12. The communication terminal device 11 comprises a communication unit 31, a high-function processing unit 32 connected to the communication unit 31,

a communication recording unit 33 connected to the communication unit 31 and the high-function processing unit 32, and a database unit 34 connected to said communication recording unit 33. The portable wireless communication terminal device 12 comprises a communication unit 41, an icon display unit connected to said communication unit 41, and a communication processing unit 43 connected to said icon display unit 42. Also, the high-function processing unit 32 extracts representative information that has the amount of information to be described later.

[0027] FIG. 3 shows an example of the graphical user interface (GUI) on the display screen of the icon display unit 42 for the portable wireless communication terminal device 12 described above. FIG. 4 shows an example of a media-specific functional icon.

[0028] As depicted in FIGs. 3 and 4, displayed on the icon display unit 42 are icons that correspond to various functions. When one of these icons is clicked on, icons that are lower-level than the clicked icon are displayed, and icons that are even lower in level exist.

[0029] An explanation of the operation of the embodiment of the above-described constitution follows. When information arrives on the communication terminal device 11 via the communication network 14, the communication terminal device 11 extracts representative information from said information, and calls the portable wireless communication terminal device 12 via the communication network 14 and the wireless base station 13. In this manner, the user of the portable wireless communication terminal device 12 confirms the call, and can view said representative information. Further, the user can access the communication terminal device 11 via the communication network 14 from the portable wireless communication terminal device 12 to acquire detailed information, and can reply to the sender of the message based on a call log based on the content of records in the communication processing unit 43.

[0030] In concrete terms, when information arrives from a source external to the communication terminal device 11, the communication unit 31 receives it, and the high-function processing unit 32 extracts representative information from said information. Although the information amount of the representative information depends on the storage capacity of said portable wireless communication terminal device 12, as an example, the representative information is extracted as follows:

[0031] 1. Voice, data (electronic mail): Basically, all such information is treated as representative information. If the amount of information involved is large, in the case of voice, the information is divided by time, and in the case of data, it is divided in terms of so many bytes from the beginning of the data.

2. Fax, and still images: The image is reduced, and the scale is transformed to suit the supported resolution on the wireless communication terminal device. If the amount of information is large in all cases, only the transmission part is reduced and transmitted.

3. Moving pictures: One scene between cut points is extracted, and the results are reduced and transmitted as a still image.

4. Pager: The data is transferred as is.

[0032] The extracted representative information is stored in time series in the communication recording unit 33, and it is transferred to the portable wireless communication terminal device 12 through the communication unit 31. The communication recording unit 33 being located above the database 34 in levels, the stored data in the communication recording unit 33 is structured in terms of media type, time of arrival, and representative information; it is stored in association with the original information which is stored in the database unit 34. In this manner, information retrieval can be performed easily through the use of keywords. The structured information is transferred to the portable wireless communication terminal device 12 via the communication unit 31.

[0033] On the portable wireless communication terminal device 12, the communication unit 41 receives the information transmitted from said communication terminal device 11, and the icon

display unit 11 displays it in the form of icons. Here, icons are characterized by the type of information received, such as media type and ultra-reduced images of representative information.

[0034] In concrete terms, the icon display unit 42 is comprised of a device such as a liquid crystal display unit + a touch panel, and interactions with the user are input into the device. As shown in FIGs. 2 and 3, when an icon is selected by means of interaction, representative information and function keys are displayed on the icon display unit 42.

[0035] The types of function keys provided vary depending on the media, as shown in FIG. 3; however, generally the following function keys are provided:

1. *reply*: Reply
2. *trans*: Transfer - to output moving pictures and the like to other terminal devices
3. *detail*: To request detailed information from a communication terminal device
4. *delete*: To delete data off the communication terminal device
5. *quit*: The default is to erase the icons on the wireless communication terminal device and return to a higher-level screen (the icon display screen)
6. *save*: To save the icon. After this processing, a *quit* will not erase the icon.

[0036] Based upon the specific function key selected, the communication processing unit 43 performs such procedures as assigning a destination address for performing communications, and [SOMETHING] [*Translator's note: the subject of sentence missing*] is transmitted from the communication unit 41 of the portable wireless communication terminal device 12. For example, if a request for detailed information is sent by return transmission from the communication terminal device 11, the request is received on the communication unit 31, the linked original information is fetched from the database unit 34 via the communication recording unit 33, and it is transmitted from the communication unit 31 to the portable wireless communication terminal device 12.

[0037] Next, an explanation of Embodiment 2 of the present invention follows. FIG. 5, which is a configuration diagram that shows Embodiment 2 of the present invention, depicts an embodiment in a video distribution service, such as CATV, or a video-on-demand service using CATV. In the figure, Reference Number 20 is a communication terminal device equipped with a monitor TV 21 and a set top 22. Reference Number 23 denotes a portable wireless communication terminal device; 24, a wireless base station; 25, a communication network; and 26, a video distribution center.

[0038] The set top 22, located between the monitor TV 21 and the communication network 25, permits the reception of videos from the video distribution center on the monitor TV 21, and performs communications with the wireless base station 24 and the video distribution center 26 through the communication network 25. In addition, the portable wireless communication terminal device 23 is designed to perform wireless communications with the wireless base station 24. In this manner, the portable wireless communication terminal device 23 can communicate with the set top 22 through the wireless base station 24 and the communication network 25. The configuration of the set top 22 is virtually the same as that of the communication terminal device 11 of Embodiment 1 described previously, and the configuration of the portable wireless communication terminal device 23 is similar to that of the portable wireless communication terminal device 12 of Embodiment 1.

[0039] According to the foregoing configuration, the user requests video information onto the set top 22 from the video distribution center 26 from the portable wireless communication terminal device 23 via the wireless base station 24 and the communication network 25. In this manner, the set top 22, accessing the video distribution center 26 and acquiring video information, extracts representative information from said video information and transmits it to said portable wireless communication terminal device 23. In this manner, the user can learn the video information acquired in terms of said representative information.

[0040] Specifically, when there is incoming video information from the video distribution center 26 onto the set top 22, the communication unit 31 receives it, and the high-function processing unit 32 extracts representative information from said video information. The information volume of this representative information is similar to the case in Embodiment 1 described previously.

[0041] The extracted representative information is stored in time series in the communication recording unit 33, and it is transferred to the portable wireless communication terminal device 23 through the communication unit 31. The communication recording unit 33 exists in a form that is overlaid on the database 34. The data in the communication recording unit 33 is structured in terms of media type, call arrival time, and representative information; it is stored in association with the original information stored in the database unit 34. The structured information is transferred to the portable wireless communication terminal device 23 through the communication unit 31.

[0042] In the portable wireless communication terminal device 23, the wireless communication unit 41 receives the information from the set top 22, and displays icons on the icon display unit 42. Stored below the icons is representative information. Here, the icons are characterized by media type, the ultra-reduced images of representative information, and by the information that is sent, as in the case of Embodiment 1.

[0043] Via the icon display unit 42, interactions from the user are input into the system. When an icon is selected by an interaction, the representative information and function keys appear on the icon display unit 42.

[0044] Based upon the specific function key selected, the communication processing unit 43 performs such procedures as assigning a destination address for performing communications, and [SOMETHING] [*Translator's note: the subject of sentence missing*] is transmitted from the communication unit 41 of the portable wireless communication terminal device 23. For example, if a request for detailed information is sent to the set top 22 by return transmission by specifying a reception-target communication terminal device, the request is received on the communication unit 31 in the set top 22. In the set top 22, the linked original information is fetched from the database unit 34 via the communication recording unit 33, and it is transmitted from the communication unit 31 to the specified communication terminal device (not shown in the figure) located near the user of the portable wireless communication terminal device 23. In this manner, the user of the portable wireless communication terminal device 23 can view details on the large-information-volume image information through the use of a handy communication terminal device.

[0045]

[Effects of the Invention] As explained above, according to the multimedia communication system of Claim 1 of the present invention, the first communication terminal device provides a high-function processing unit that creates representative information for which information is thinned out to some extent on the information transfer side in order to match any media to a scale corresponding to the transfer capacity. Therefore, the second communication terminal device, for example, also can keep track of the content of the information by receiving said representative information. Because a communication recording unit is provided in the first communication terminal device, a communication log can be stored, and representative information, the communication log, and the incoming call data itself can be saved in association. Further, because a communication processing unit is provided in the second communication terminal device, new information can be transmitted from the incoming log information and detailed information can be requested. Further, the provision of an icon display unit permits the structuring of information in the user interface, can display information in an easy-to-understand manner, and offers an excellent operability. This permits the implementation of bidirectional multimedia information transfer services so that the user can keep track of summary information anytime, anywhere, and can easily request for details on a given message.

[0046] According to Claim 2, in addition to the above effect, the information transfer side creates representative information by thinning out the information to some extent to match any media to a scale corresponding to the transfer capacity. In this manner, for example, the second communication terminal device, too, can easily keep track of large-capacity information contents by receiving said representative information.

[0047] According to Claim 3, in addition to the above effect, said first communication terminal device transfers to any other communication terminal device the original information corresponding to the representative information based on instructions from said second communication terminal device. Therefore, the use who has the second communication terminal device, which is portable, can easily view details on the information, about which the content was understood based upon representative information, through the use of a handy first communication terminal device and other devices.

[0048] According to Claim 4, in addition to the above effect, data is sent and received wirelessly between the communication network and said first or second communication terminal device; consequently, there are no restrictions on where the communication terminal devices are installed or used.

[0049] According to Claim 5, in addition to the above effect, representative information is extracted from the video information transmitted from the video distribution center, and representative information on said video information can also be transmitted to other communication terminal devices. Therefore, using a portable second terminal device, the content of large-volume video information can also be easily tracked.

[0050] Further, according to the multimedia communication terminal device of Claim 6, a high-function processing unit is provided that creates representative information for which information is thinned out to some extent by the information transfer side in order to match any media to a scale corresponding to the transmission capacity. Therefore, even with a communication terminal device with a small information accumulation capacity, the content of information can be tracked by receiving said representative information. In addition, the provision of a communication recording unit permits the storage of communication log and the saving of representative information, communication log, and the incoming call data itself by associating them.

[0051] According to Claim 7, in addition to the above effect, the information transfer side creates representative information by thinning out information to some extent and matches any media to a scale that corresponds to the transmission capacity. Therefore, even with a communication terminal device with a small information retention capacity, the content of information can be tracked by receiving said representative information.

[0052] According to Claim 8, in addition to the above effect, the original information corresponding to representative information based on instructions from another communication terminal device is transferred to another communication terminal device. Therefore, the user who owns a portable communication terminal device with a limited data retention capacity can easily view, as necessary, details on the information, about which the content was understood based upon representative information, through the use of a handy first communication terminal device and other devices that have a large data retention capacity.

[0053] Further, according to the multimedia communication terminal device of Claim 9, because a communication processing unit is provided, new information can be transmitted from the incoming log information and detailed information can be requested. Further, the provision of an icon display unit permits the structuring of information in the user interface, can display information in an easy-to-understand manner, and offers an excellent operability. In addition, the communication unit permits bidirectional communications so that the user can keep track of summary information anytime, anywhere, and can easily request for details on a given message.

[Brief Description of Drawings]

[FIG. 1] A configuration diagram showing the multimedia communication system of Embodiment 1 of the present invention.

[FIG. 2] A configuration diagram showing the communication terminal device and the portable wireless communication terminal device of Embodiment 1 of the present invention.

[FIG. 3] A diagram showing an example of GUI on the display screen of the portable wireless communication terminal device of Embodiment 1 of the present invention.

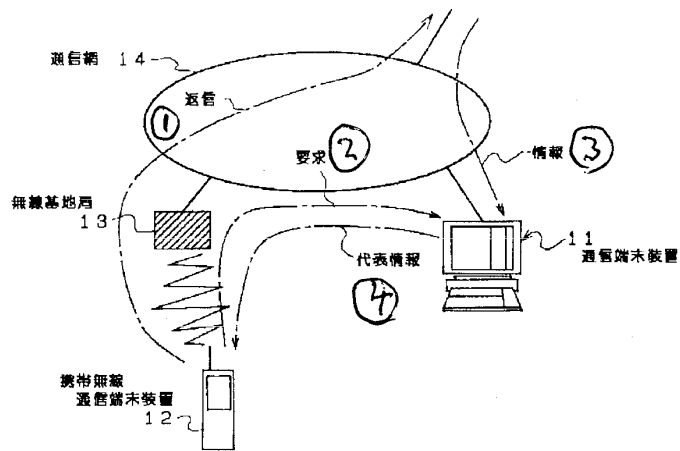
[FIG. 4] A diagram showing an example of media-specific icons in Embodiment 1 of the present invention.

[FIG. 5] A diagram showing a communication network mode for video distribution services, such as CATV, and video-on-demand services using CATV, in Embodiment 2 of the present invention.

[Explanation of Codes]

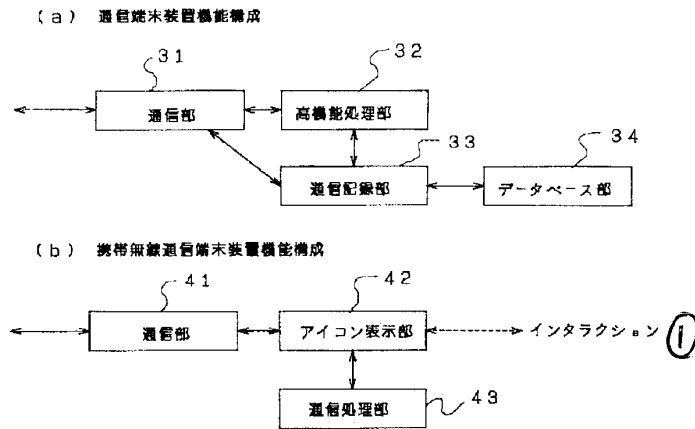
11 ... communication terminal device, 12 ... portable wireless communication terminal device, 13 ... wireless base station, 14 ... communication network, 20 ... communication terminal device, 21 ... monitor TV, 22 ... set top, 23 ... portable wireless communication terminal device, 24 ... wireless base station, 25 ... communication network, 26 ... video distribution center, 31 ... communication unit, 32 ... high-function processing unit, 33 ... communication recording unit, 34 ... database unit, 41 ... communication unit, 42 ... icon display unit, 43 ... communication processing unit

[FIG. 1]



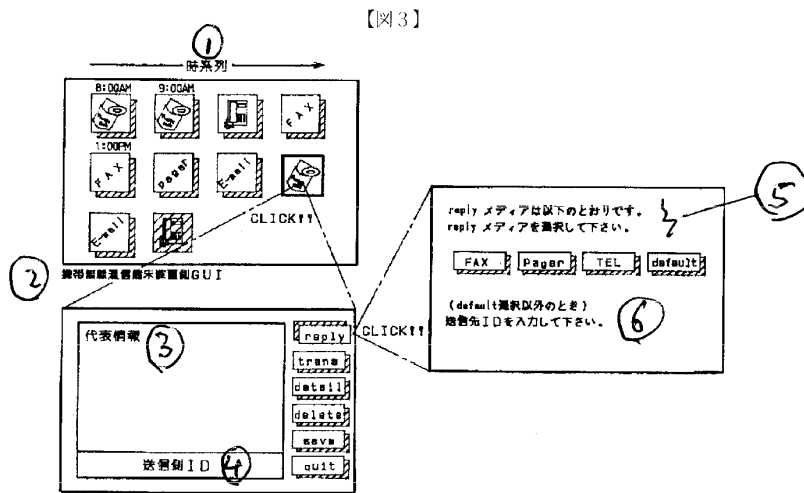
- 1 Reply
- 2 Request
- 3 Information
- 4 Representative information
- 14 Communication network
- 13 Wireless base station
- 12 Portable wireless communication terminal device
- 11 Communication terminal device

[FIG. 2]



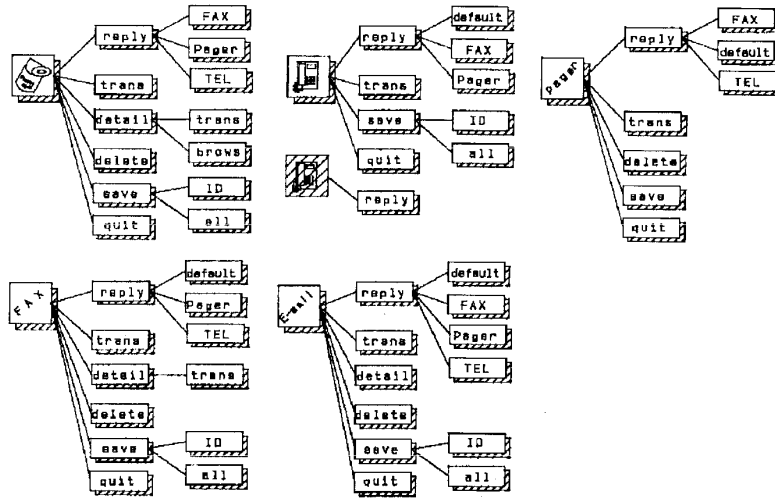
- (a) Configuration of communication terminal device functions
- 31 Communication unit
- 32 High-function processing unit
- 33 Communication recording unit
- 34 Database unit
- (b) Configuration of portable wireless communication terminal device functions
- 41 Communication unit
- 42 Icon display unit
- 1 Interaction
- 43 Communication processing unit

[FIG. 3]

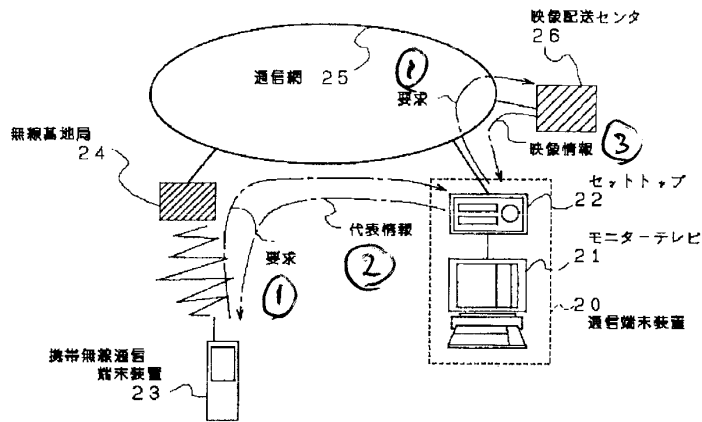


- 1 Time series
- 2 GUI on the portable wireless communication terminal device side
- 3 Representative information
- 4 Transmitter ID
- 5 reply: the following media are identified
reply: select a medium
- 6 (non-default case)
Enter the transmission destination ID

[FIG. 4]



[FIG. 5]

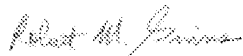


- 1 Request
- 2 Representative information
- 3 Video information
- 25 Communication network
- 24 Wireless base station
- 23 Portable wireless communication terminal device
- 26 Video distribution center
- 22 Set top
- 21 Monitor TV
- 20 Communication terminal device

I, Robert Ginns, of California, USA, hereby declare that I am a professional translator/editor experienced in translating Japanese technical documents into English, and certify that the foregoing is a true and accurate translation to the best of my knowledge and capability.

Document Name: 06-Tanaka-JP10-98512A_1

Translation Date: July 17, 2010



Translator's Signature

Date: July 17, 2010

Robert Ginns

19) JAPANESE PATENT OFFICE (JP) (11) Unexamined Patent Application (Kokai) Patent
(12) Bulletin of Unexamined Patent Applications (A) H10-98512

(43) Laid-Open Disclosure Date: April 14, 1998

(51) Int. Cl. ⁶	Classification No.	FI	
H04M 1/00		H04M 1/00	N
			U
H02J 7/00	301	H02J 7/00	301C
7/10		7/10	A
H04B 7/26		H04B 7/26	Y

Request for Examination: Not yet requested Number of claims: 2 OL (Total No. of Pages: 4)

(21) Application No.: H8-252976
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(54) [Title of the Invention] System Charger

(57) [Abstract]

[PROBLEM] The problem is one of making a telephone call if the cell telephone is removed from the charger while the battery is charging in a conventional cell telephone. In addition, with a conventional cellular recording medium/reproduction device, in order to hear audio while charging the battery, it is expected that an earphone is required.

[SOLUTION] Provide in a charger a plug which engages the earphone jack and a speaker of a cell phone or a portable recording medium/reproduction device.

[Claims]

[Claim 1] A system charger comprising:

a charger terminal for charging which is connected to the power supply battery terminal of a cell telephone;
a plug for engaging to an earphone jack of the cell telephone device; and
a means for performing hands-free telephone calls through the engaged earphone jack and plug or a means for recording audio.

[Claim 2] A system charger comprising:

a charger terminal for charging which is connected to the power supply battery terminal of a cell telephone;
a plug for engaging to an earphone jack of the cell phone device; and
a means for amplifying the reproduced sound of the recording medium/reproduction device through the engaged earphone jack and plug.

[Detailed Description of the Invention]

[0001]

[Technical Field] The present invention is related to a system charger which incorporates, in addition to the function of charging a cellular apparatus, functions other than realizing hands-free telephone calls, if the cellular apparatus is a cell phone.

[0002]

[Description of Related Art] Cellular apparatus of conventional cell phones or cellular type recording medium/reproduction devices (devices for hearing reproduced recordings by earphone) operate with a battery as a power supply. Because of this arrangement, if the battery's charge becomes low, the cellular apparatus is connected unaltered to the charger and the battery is charged or switching is made to an already charged battery.

[0003]

[Problems that the Invention is to Solve] However, it is difficult to make a telephone call while charging a battery connected to the charger, if the telephone call is made after the cell phone, using conventional cell phones, is removed from the charger. In this case, there is the requirement of making a telephone call without accomplishing full charge and in this case, there is concern that that telephone call will be interrupted midway through because of the battery depletion.

[0004] In addition, convention cellular recording medium/reproduction devices can make reproductions of recording medium while a battery, connected to a charger, charges, but, also in this case, it is expected that hearing is difficult as audio that is generated must be heard through an earphone.

[0005]

[Means for Solving the Problem] The first invention for solving the problems of conventional technology is a system charger comprised of

a charger terminal for charging which is connected to the power supply battery terminal of a cell phone;
a plug for engaging to an earphone jack of the cell phone device; and
a means for performing hands-free telephone calls through the engaged earphone jack and plug or a means for recording audio.

[0006] In addition, the second invention is a system charger comprised of

a charger terminal for charging which is connected to the power supply battery terminal of a cell phone;

a plug for engaging to an earphone jack of the cell phone device; and
a means for amplifying the reproduced sound of the recording medium/reproduction device through the engaged earphone jack and plug.

[0007]

[Embodiments] Fig. 1 is a block diagram of a cell phone charging system showing one embodiment of the present invention. 1 denotes a cell phone, and 2, every block of a system charger. The cell phone 1 is formed from the CPU 11, the wireless section 12, the incoming signal detector 13, the telephone circuit 14, the speaker sp, the microphone mc, the liquid crystal display section 15, the key operating section 16, the power supply circuit 17, the battery 18, the recording/reproducing circuit 19, the power supply battery terminals a1 and b1, and the earphone jack c1. The power supply battery terminals a1 and b1 and the earphone jack c1 are arranged on a side which connects with the system charger 2. The recording/reproduction circuit 19 has a recording medium such as an IC memory or MD and in addition to performing telephone call recording can transmit to the wireless circuits the recording contents through the telephone call circuit 14 and wireless section 12, while making a telephone call and can reproduce the recording contents using the speaker sp as well as recording voice from the microphone mc.

[0008] The system charger 2 is formed from the CPU 21, the incoming signal detector 22, the telephone call circuit 23, the ringer/speaker unit 24, the microphone unit (below mike unit) 25, the answering circuit 26, the key operation section 27, the AC-DC conversion circuit 28, the power supply circuit 29, the liquid crystal display section 30, the charging terminals a2 and b2 and the plug c2. The charging terminals a2 and b2 and the plug c2 are respectively arranged within a recess which contains the cell phone 1.

[0009] Moreover, the solid line connecting each block in the cell phone 1 and the system charger 2 shows a control path or voice path and the dotted line shows the power supply path.

[0010] When, for the previously described structure of the cell phone 1 and the system charger 2, the cell phone lies within a specific recess of the system charger 2 in order to charge the battery 17 of the cell phone 1, the plug c2 is inserted and connected (engaged) to the earphone jack c1 and when the plug c2 is completely inserted, the power supply battery terminals a1 and b1 are contact connected to the charging terminals a2 and b2. That is, the insertion connection (engagement) of the earphone jack c1 and the plug c2 and the power supply terminals a1 and b1 and the charging terminals a2 and b2 for the cell phone 1 and the system charger 2 result in a structure which is simultaneously completed in one connection operation. In addition, because the insertion connection of the earphone jack c1 and the plug c2 function as a position fixing structure, the power supply terminals a1 and b1 and the charging terminals a2 and b2 are assuredly connected and there is no concern for connection defects.

[0011] Under these connection conditions, when the CPU11 of the cell phone 1 detects incoming calls using the output of the incoming signal detector, incoming signals are generated and the incoming signals are made known to the system charger 2 through the voice path which connects the telephone call circuit 14 and earphone jack c1 and plug c2. When the incoming signal detector 22 of the system charger 2 detects incoming calls, the CPU21 is notified. At this time, the ringer/speaker 24 sounds a ringer under the control of the CPU 21. If a specific key of the key operation section 27 is pushed, an incoming response call from CPU 21 passes through the voice path which connects the telephone call path 23 and the plug c2 and is output to the cell phone. The CPU 11, which detected the incoming response call, which passed through the voice path and which connects the earphone jack c1 and the telephone circuit 14, wirelessly transmits the incoming response call by the wireless section 12 and starts the telephone call. Control of the cell phone by operation of the key operation section 27 has additional possibilities. There is output, through the voice path, to the cell phone 1 of control signals for performing, for example, dial signal generation or reproduction by the recording/reproduction circuit 19. This output is detected by the CPU 11 and every kind of control can be performed.

[0012] Subsequently, telephone calls are performed for the voice signals which are transmitted and received by the cell phone 1 passing through the wireless section 12, the telephone circuit 14, the voice path of the cell phone side of the earphone jack c1, and the voice path of the system charger 2 side of the plug c2, the telephone call circuit 23, the ringer-speaker section 24, and the mike section 25. This telephone

call is a hands-free telephone call, the ringer-speaker section 24 amplifies the voice, and the mike sensitivity for the mike section 25 is high as the mike section has a noise canceling function.

[0013] Moreover, the answering circuit 26 includes recording medium and the system charger 22 which connects the cell phone 1 functions as an answering telephone. Under conditions in which the system charger 2 is set to answering mode by the key operation section 27, when incoming signals are detected, the CPU 21 performs automatic incoming signal response and message transmission by the answering circuit 26 and messages for other sections are recorded. The recording medium is not limited to IC memory and may be cassette tape having long recording periods.

[0014] In addition, it is possible to reproduce the contents recorded in the recording/reproduction circuit 19 of the cell phone, passing through the telephone call circuit 14, the earphone jack c1, the plug c2, the telephone circuit 23, and the voice path of the ringer-speaker section 24.

[0015] Moreover, in the case where the recording medium, which provides the recording/reproduction circuit 19 of the cell phone 1, is a large capacity recording medium (cassette tape, etc.), this cell phone functions as a portability type recording/reproduction device. During transport, the non-illustrated earphone plug is inserted and connected to the earphone jack c1 and in addition to being able to make telephone calls by using the microphone and earphone which are connected by cord to the earphone plug, it is possible to hear audio from the earphone as reproduced from the recording medium. When the cell phone is placed in the system charger 2 at the time of returning home, it is possible to hear audio at high volume after reproduction of the recording medium from the ringer-speaker section 24, in addition to hands-free telephone conversations.

[0016] As described above, because there are hands-free telephone conversations during battery charging with the cell phone connected to the charger, it becomes unnecessary to remove from the charger the cell phone when there are incoming signals during battery charging and telephone conversations can occur without the worry of battery depletion. In addition, when the cell phone is used as a cellular recording/reproduction device, the earphone is not used during battery charging and it is possible to listen to audio at high volume after reproducing the recording medium.

[0017] As described above, a description has been made of a system charger for a cell phone as one embodiment of the present invention, but the present invention is not limited to this embodiment and without providing the functions of a cell phone, it goes without saying that it is possible to use the invention as a system charger of cellular apparatus having the function of only a cellular recording medium/reproduction device.

[0018]

[Effect of the Invention] According to the present invention as described above, by the cellular apparatus (cell phone, portable type recording medium/reproduction device) providing to a charger a plug which is inserted and connects to a provided earphone jack, and because it is possible to transmit and receive voice signals and control signals between the cellular apparatus and charger, it is not necessary to establish separate connection terminals on the side of the cellular apparatus, miniaturization is not adversely affected and cost increases do not occur. Furthermore, during terminal connection, in addition to the terminals used for charging, additional terminals for voice signals and control are required and there is some concern for connection defects. However, there is no concern for connection defects with the present invention, as the invention has a structure which connects the plug to the earphone jack.

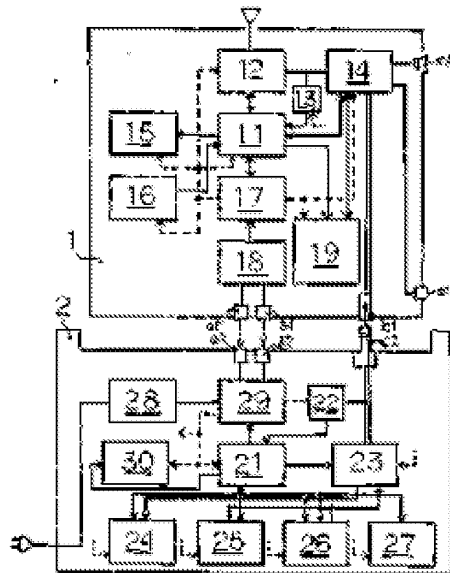
[Brief Explanation of the Drawings]

[Fig. 1] A block diagram of the cell phone system showing one embodiment of the present invention.

[Explanation of the Elements]

1: Cell phone
2: System charger
11 21: CPU
12: Wireless section
13, 22: Arrival detecting section
14, 23: Speaking circuit
15, 30: Liquid crystal display section
16, 27: Key operation section
17, 29: Power supply circuit
18: Battery
19: Recording/reproduction circuit
24: Ringer speaker section
25: Microphone section (microphone section)
26: Answering circuit
28: AC-DC conversion circuit
a1, b1: Power supply battery terminals
a2, b2: Charging terminals
c1: Earphone jack
c2: Plug
sp: Speaker
mc: Microphone

[Fig. 1]



Electronic Patent Application Fee Transmittal

Application Number:	12495190			
Filing Date:	30-Jun-2009			
Title of Invention:	Method For Content Delivery			
First Named Inventor/Applicant Name:	Russell W. White			
Filer:	Mark J. Rozman/Stephanie Petreas			
Attorney Docket Number:	AFF.0004C7US			
Filed as Large 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 - 1 month with \$0 paid	1251	1	130	130

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Statutory or terminal disclaimer	1814	1	140	140
Total in USD (\$)				450

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EFS ID:	9249816
Application Number:	12495190
International Application Number:	
Confirmation Number:	2380
Title of Invention:	Method For Content Delivery
First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman/Stephanie Petreas
Filer Authorized By:	Mark J. Rozman
Attorney Docket Number:	AFF.0004C7US
Receipt Date:	18-JAN-2011
Filing Date:	30-JUN-2009
Time Stamp:	14:29:55
Application Type:	Utility under 35 USC 111(a)

Payment information:

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Payment Type	Deposit Account
Payment was successfully received in RAM	\$450
RAM confirmation Number	833
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Warnings:					
Information:					
2	Terminal Disclaimer Filed	AFF004C7USTerminalDisclaimer.pdf	47896 e2d613344e079f90194c865d5d3e953db28c0111	no	1
Warnings:					
Information:					
3	Information Disclosure Statement (IDS) Filed (SB/08)	AFF004C7USIDSToFile.pdf	117507 f054241b67ad0cfe0f13c57ca292e3cabe9140	no	5
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4	Foreign Reference	ForDocBae.pdf	2861277 0c9780864de2982cd5ba95387ceb758ff1d8bfc4	no	31
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Warnings:					
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9	Foreign Reference	ForDocTanaka.pdf	81683	no	7
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10	NPL Documents	OrderDenyingMotion.pdf	137480	no	5
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Warnings:					
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11	NPL Documents	JuryVerdictForm.pdf	295953	no	16
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AFF.004C7US

In re Application of: **Russell W. White, et al.**

Application No.: **12/495,190**

Filed: **June 30, 2009**

For: **Method For Content Delivery**

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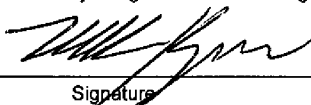
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2. The undersigned is an attorney or agent of record. Reg. No. 42,117



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1/18/11

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Mark J. Rozman

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PTO/SB/08a (01-10)

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	Filing Date	2009-06-30
	First Named Inventor	Russell W. White, et al.
	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.004C7US

U.S.PATENTS						
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	7149543		2006-12-12	Kumar II	
	2	7321783		2008-01-22	Kim	
	3	5991640		1999-11-23	Lilja	
	4	6823255		2004-11-23	Sass	
	5	6259892		2001-07-10	Helferich	
	6	5914941		1999-07-22	Janky	
	7	6487663		2002-11-26	Jaisimha	
	8	6658247		2003-12-02	Saito	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12495190	
	Filing Date		2009-06-30	
	First Named Inventor	Russell W. White, et al.		
	Art Unit	2617		
	Examiner Name	Erika A. Gary		
	Attorney Docket Number	AFF.004C7US		

	9	6007228		1999-12-28	Agarwal	
	10	5341350		1994-08-23	Frank	

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U.S. PATENT APPLICATION PUBLICATIONS

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	20020010759		2002-01-24	Hitson	
	2	20020164973		2002-11-07	Janik	

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	1	EP 0744839	EP		1996-11-27	Grewe		<input type="checkbox"/>
	2	H08-6875	JP		1996-01-12	Taishinji		<input checked="" type="checkbox"/>
	3	H11-288558	JP		1999-10-19	Menju		<input checked="" type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12495190	
	Filing Date		2009-06-30	
	First Named Inventor	Russell W. White, et al.		
	Art Unit	2617		
	Examiner Name	Erika A. Gary		
	Attorney Docket Number	AFF.004C7US		

4	H11-164058	JP		1999-06-18	Sato	<input checked="" type="checkbox"/>
5	H08-252976	JP		1998-04-14	Tanaka	<input checked="" type="checkbox"/>
6	WO 2000/54462	WO		2000-09-14	Bae	<input type="checkbox"/>

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	1	Affinity Labs of Texas, LLC, v. BMW North America, LLC, et al., Civil Action No. 9:08CV164, Order Denying Defendant's Motion For Summary Judgment of Non-Infringement of the '833 Patent, filed October 07, 2010, pages 1 - 5.	<input type="checkbox"/>
	2	Affinity Labs of Texas, LLC, v. Hyundai Motor America, Inc.; Hyundai Motor Manufacturing Alabama LLC.; Volkswagen Group of America, Inc.; and Kia Motors America, Inc., Civil Action No. 9:08CV164, Jury Verdict Form, filed October 28, 2010, pages 1 - 16.	<input type="checkbox"/>
	3	Affinity Labs of Texas, LLC, vs. BMW North America, LLC, et al., Docket 9:08CV164, October 27, 2010, Volume 8 of ___, Pages 2100 Through 2633, Reporter's Transcript of Jury Trial, pages 1 - 88.	<input type="checkbox"/>
	4	Affinity Labs of Texas, LLC, vs. BMW North America, LLC, et al., Docket 9:08CV164, October 28, 2010, Volume 9 of 9, Pages 2634 Through 2824, Reporter's Transcript of Jury Trial, pages 1 - 19.	<input type="checkbox"/>
	5	Affinity Labs of Texas, LLC, Plaintiff and Counter-Claim Defendant, vs. Apple Inc., Defendant and Counter-Claim Plaintiff, Case No. 09-4436-CW, Apple Inc.'s First Invalidity Contentions Pursuant To Patent Local Rule 3-3, filed January 5, 2011, pages 1-25, with accompanying Appendixes A-G.	<input type="checkbox"/>

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	12495190
	Filing Date	2009-06-30
	First Named Inventor	Russell W. White, et al.
	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.004C7US

EXAMINER SIGNATURE	
Examiner Signature	Date Considered
<p>*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.</p>	
<p>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.</p>	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	12495190
	Filing Date	2009-06-30
	First Named Inventor	Russell W. White, et al.
	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.004C7US

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.

Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

None

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	/Mark J. Rozman/	Date (YYYY-MM-DD)	2011-01-18
Name/Print	Mark J. Rozman	Registration Number	42117

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.**

Electronic Acknowledgement Receipt

EFS ID:	9250019
Application Number:	12495190
International Application Number:	
Confirmation Number:	2380
Title of Invention:	Method For Content Delivery
First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman/Stephanie Petreas
Filer Authorized By:	Mark J. Rozman
Attorney Docket Number:	AFF.0004C7US
Receipt Date:	18-JAN-2011
Filing Date:	30-JUN-2009
Time Stamp:	14:38:12
Application Type:	Utility under 35 USC 111(a)

Payment information:

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	AFF004C7USIDSToFile.pdf	117507 <small>f054241b6f7ad0cfe0f13c57ca292e3cabe9 140</small>	no	5

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2	NPL Documents	NPLDocAppleIncFirstAmendedInvalidityContentions.pdf	198271 fd1f98fb5357591d072bb67175f180232643978b	no	25
Warnings:					
Information:					
3	NPL Documents	NPLAppendixAwithAppleFirstAmendedInvalidityContention.pdf	110665 275cfce2a7a5b806a566c00b6046c919a836288	no	13
Warnings:					
Information:					
4	NPL Documents	NPLAppendixBwithAppleFirstAmendedInvalidityContention.pdf	1742146 3c9882fb5f5194d360d858193f5f38cf1fc5861d	no	207
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5	NPL Documents	NPLAppendixCwithAppleFirstAmendedInvalidityContention.pdf	723958 4612d32e5b727c15339906d6cfe2c179b890070c	no	86
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9	NPL Documents	NPLAppendixGwithAppleFirstAmendedInvalidityContention.pdf	153283 f02ec9147e4e47628f1ff105446bda64e3fa652	no	21
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Total Files Size (in bytes):				6127988	
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875					Application or Docket Number 12/495,190		Filing Date 06/30/2009		<input type="checkbox"/> To be Mailed		
APPLICATION AS FILED – PART I							OTHER THAN SMALL ENTITY				
(Column 1)			(Column 2)		SMALL ENTITY <input type="checkbox"/>		OR		OTHER THAN SMALL ENTITY		
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)		RATE (\$)	FEE (\$)				
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A					
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A					
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A					
TOTAL CLAIMS (37 CFR 1.16(j))	minus 20 =	*	X \$ =		OR	X \$ =					
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X \$ =			X \$ =					
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))	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 (37 CFR 1.16(j))											
* If the difference in column 1 is less than zero, enter "0" in column 2.											
APPLICATION AS AMENDED – PART II							OTHER THAN SMALL ENTITY				
(Column 1)			(Column 2)		SMALL ENTITY		OR		OTHER THAN SMALL ENTITY		
AMENDMENT	01/18/2011	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(n))	* 20	Minus	** 23	= 0	X \$ =		OR	X \$52=	0	
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X \$ =		OR	X \$220=	0	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))										
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	0	
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(n))	*	Minus	**	=	X \$ =		OR	X \$ =		
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =		OR	X \$ =		
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))										
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
						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: /DEBORAH NASH/					

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Russel White, et al.	§	Group Art Unit:	2617
		§		
Serial No.:	12/495,190	§		
		§	Examiner:	Erika A. Gary
Filed:	June 30, 2009	§		
		§		
For:	Method For Managing Media	§	Atty. Dkt. No.:	AFF.0004C7US
		§		

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

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Under 35 USC 120, this application relies on the earlier filing date of application serial number 12/015,320, filed on January 16, 2008. The following references were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application:

Please apply any charges or credits to Deposit Account No. 20-1504.

Respectfully submitted,

Date: December 16, 2010

/Mark J. Rozman/
Mark J. Rozman
Registration No. 42,117
TROP, PRUNER & HU, P.C.
1616 S. Voss Road, Suite 750
Houston, Texas 77057-2631
(512) 418-9944 [Phone]
(713) 468-8883 [Fax]
Customer No.: 21906

Date of Deposit: December 16, 2010
I hereby certify under 37 CFR § 1.8 this correspondence is being deposited **via EFS** on the date indicated above.

/Stephanie Petreas/
Stephanie Petreas

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	12015320
	Filing Date	2008-01-16
	First Named Inventor	Russell W. White
	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.0004C5US

1	U.S. Patent and Trademark Office, Office Action in Inter Partes Reexamination of Patent No. 7440772, Reexamination Control No. 95001266, Office Action issued on August 2, 2010, 14 pages.	<input type="checkbox"/>
If you wish to add additional non-patent literature document citation information please click the Add button		
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Examiner Signature		Date Considered
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<p>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.</p>		

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	12015320
	Filing Date	2008-01-16
	First Named Inventor	Russell W. White, et al.
	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.004C5US

1	U.S. Patent and Trademark Office, Office Action in Inter Partes Reexamination of Patent No. 7486926, Control No. 95/001,263, Office Action issued July 9, 2010, 20 pgs.	<input type="checkbox"/>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12015320
	Filing Date		2008-01-16
	First Named Inventor	Russell W. White, et al.	
	Art Unit	2617	
	Examiner Name	Erika A. Gary	
	Attorney Docket Number	AFF.004C5US	

1	U.S. Patent and Trademark Office, Office Action in Inter Partes Reexamination dated June 14, 2010 in U.S. application no. 95/001,223.	<input type="checkbox"/>
2	U.S. Patent and Trademark Office, Ex Parte Reexamination Communication Transmittal Form dated June 14, 2010 providing "Decision, Sua Sponte, To Merge Reexamination Proceedings," in U.S. application no. 95/001,223.	<input type="checkbox"/>

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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.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	12015320
	Filing Date	2008-01-16
	First Named Inventor	Russell W. White, et al.
	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.004C5US

1	U.S. Patent And Trademark Office, Office Action in Inter Partes Reexamination mailed on May 24, 2010, in U.S. application reexamination serial no. 95/001,262.	<input type="checkbox"/>
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Examiner Signature		Date Considered
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<small> 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. </small>		

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12015320
	Filing Date		2008-01-16
	First Named Inventor	Russell W. White, et al.	
	Art Unit	2617	
	Examiner Name	Erika A. Gary	
	Attorney Docket Number	AFF.004C5US	

U.S.PATENTS						
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	6009363		1999-12-28	Beckert	
	2	6023232		2000-02-08	Eitzenberger	
	3	6151634		2000-11-21	Glaser	
	4	6453281		2002-09-17	Walters	
	5	6678215		2004-01-13	Treyz	
If you wish to add additional U.S. Patent citation information please click the Add button.						
U.S.PATENT APPLICATION PUBLICATIONS						
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	20010042107		2001-11-15	Palm	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12015320	
	Filing Date		2008-01-16	
	First Named Inventor		Russell W. White, et al.	
	Art Unit		2617	
	Examiner Name		Erika A. Gary	
	Attorney Docket Number		AFF.004C5US	

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	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
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	1	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Civil Action No. 9:08CV164, AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., ALPINE ELECTRONICS OF AMERICA, INC., et al., Civil Action No. 9:08CV171, Order Construing Claim Terms of Unites States Patent No. 7,634,228, Filed on May 10, 2010, Pages 1-27.	<input type="checkbox"/>
	2	D. PETERS, et al., "Car Multimedia - Mobile Multimedia for the 21st Century," October 5-6, 2000, Pages 1-58.	<input type="checkbox"/>
	3	STEPHAN HARTWIG, et al., "Mobile Multimedia - Challenges and Opportunities Invited Paper," June 19, 2000, Pages 1-12.	<input type="checkbox"/>
	4	JOHN HANAN, "Car Audio Has Come Far since the 8-Track," Knight Ridder/Tribune Business News, December 17, 1999, Pages 1-2.	<input type="checkbox"/>
	5	BUSINESS WIRE, "Lobjects Announces New Digital Audio Player Technology for the Next-Generation Auto PC," August 4, 1999, Pages 1-2.	<input type="checkbox"/>
	6	JASON MESERVE, "Windows Media Player now available for WinCe, (from Microsoft) (Product Announcement)," Network World, March 6, 2000, Pages 1-2.	<input type="checkbox"/>
	7	BUSINESS WIRE, ""HUM" MP3 Software Turns Windows CE Handheld Computers Into Portable Music Players," May 24, 1999, Pages 1-2.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		12015320
Filing Date		2008-01-16
First Named Inventor	Russell W. White, et al.	
Art Unit	2617	
Examiner Name	Erika A. Gary	
Attorney Docket Number	AFF.004C5US	

8	CHRIS De HERRERA, "Windows CE 2.0 Auto PC Pictures," Chris De Herrera's Windows CE Website, Revised January 11, 1999, Pages 1-3.	<input type="checkbox"/>
9	JOHN MURRAY, "Inside Microsoft Windows CE," Microsoft Press, 1998, Pages 1-20.	<input type="checkbox"/>
10	COMPAQ, INTEL, MICROSOFT, NEC, "Universal Serial Bus Device Class Definition for Audio Devices," Release 1.0, March 18, 1998, Pages 1-130.	<input type="checkbox"/>
11	COMPAQ, INTEL, MICROSOFT, NEC, "Universal Serial Bus Specification," Revision 1.1, September 23, 1998, Pages 1-327.	<input type="checkbox"/>
12	VESA, VIDEO ELECTRONICS STANDARDS ASSOCIATION, "VESA Plug and Display (P&D) Standard," Version 1, Revision 0, June 11, 1997, Pages 1-109.	<input type="checkbox"/>
13	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Defendants, Case No. 9:08-cv-00164-RC, First Amended Answer And Counterclaim Of Defendant Volkswagen Group Of America, Inc. To Third Amended Complaint, Filed on April 9, 2010, Pages 1-57.	<input type="checkbox"/>
14	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Defendants, Case No. 9:08-cv-00164-RC, Amended Answer And Counterclaim Of Defendants Hyundai Motor America, Hyundai Motor Manufacturing Alabama, LLC, And KIA Motors America, Inc. To Plaintiff Affinity Labs Of Texas, LLC's Third Amended Complaint, Filed on April 9, 2010, Pages 1-22.	<input type="checkbox"/>
15	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Defendants, Case No. 9:08-cv-00164-RC, Plaintiff's Reply To Amended Answer And Counterclaim Of Defendants Hyundai Motor America, Hyundai Motor Manufacturing Alabama, LLC And KIA Motors America, Inc. To Plaintiff Affinity Labs of Texas, LLC's Third Amended Complaint, Filed on April 27, 2010, Pages 1-7.	<input type="checkbox"/>
16	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Defendants, Case No. 9:08-cv-00164-RC, Plaintiff's Reply To First Amended Answer And Counterclaim Of Defendant Volkswagen Group Of America, Inc. To Third Amended Complaint, Filed on April 27, 2010, Pages 1-7.	<input type="checkbox"/>
17	PANASONIC, "Portable DVD/Video CD/CD Player, Operating Instructions, DVC-L10D," 1998, Pages 1-84.	<input type="checkbox"/>
18	CLARION Car Audio and Beyond, "1998 Car Audio & Security Product Catalog," 1998, Pages 1-24.	<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	12015320
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19	CLARION Car Audio and Beyond, "1999 Car Audio & Security Product," 1999, Pages 1-60.	<input type="checkbox"/>
20	JAMIE ANDERSON, "Driving our way soon: the e-car," The Times, November 9, 2000, Pages 1-4.	<input type="checkbox"/>
21	CLARION Auto PC, "Clarion Auto PC Owner's Manual," 1998, Pages 1-177.	<input type="checkbox"/>
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	Filing Date		2008-01-16
	First Named Inventor	Russell W. White, et al.	
	Art Unit	2617	
	Examiner Name	Erika A. Gary	
	Attorney Docket Number	AFF.004C5US	

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1	Affinity Labs of Texas, LLC (Plaintiff) v. BMW North America, LLC, et al. (Defendants), Case No. 9:08-cv-00164-RC, Answer and Counterclaim of Defendant Volkswagen Group of America, Inc., to Third Amended Complaint, Pages 1-48, filed on January 15, 2010.	<input type="checkbox"/>
2	Affinity Labs of Texas, LLC (Plaintiff) v. Alpine Electronics of America, Inc., et al. (Defendants), Civil Action No. 9:08-cv-171, Order Denying Without Prejudice Defendants' Motion for Summary Judgment, one page, filed on February 25, 2010.	<input type="checkbox"/>

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43	6731625		2004-05-04	Eastep, et al.	
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	1	AFFINITY LABS OF TEXAS, LLC (Plaintiff) v. BMW NORTH AMERICA, LLC, ET AL. (Defendants), Civil Action No. 9:08CV164 and AFFINITY LABS OF TEXAS, LLC (Plaintiff) v. ALPINE ELECTRONICS OF AMERICA, INC., ET AL., Civil Action No. 9:08CV171, "Order Construing Claim Terms of United States Patent No. 7,324,833, issued on December 18, 2009, Pages 1-31.	<input type="checkbox"/>
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	1	WO 00/70523	WO		2000-11-23	Digimarc Corporation		<input type="checkbox"/>

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NON-PATENT LITERATURE DOCUMENTS

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	Nokia 9110 Communicator User Manual, Copyright 1999.	<input type="checkbox"/>
	2	Sony, "Sony Notebook Computer User Guide PCG-717719," User Guide, 1997.	<input type="checkbox"/>
	3	AirCard, "Sierra Wireless Announces First Cellular Network Interface Card for Notebook PCs," June 21, 1999.	<input type="checkbox"/>
	4	MusicMatch Internet Music System, " MusicMatch Jukebox Reviews," March 4, 2000, May 8, 1999, August 29, 1999, May 8, 1999, February 4, 1997, August 12, 1999, January 24, 2000, January 25, 2000, February 22, 2000, Pages 1-32.	<input type="checkbox"/>
	5	Bluetooth, "Specification of the Bluetooth System, Profiles," December 1, 1999.	<input type="checkbox"/>
	6	Bluetooth, "Specification of the Bluetooth System, Profiles," December 1, 1999.	<input type="checkbox"/>
	7	J. SCHNEIDAWIND, "Big Blue Unveiling," USA Today, November 23, 1992, page 2B.	<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	12015320
	Filing Date	2008-01-16
	First Named Inventor	Russell White, et al.
	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.004C5US

8	Nokia Suomi, "Range of suspension GSM products unveiled: Nokia's innovations offer a new dimension to mobile communication," March 13, 1996, 1 page.	<input type="checkbox"/>
9	Nokia 9000i User's Manual, Copyright 1995-1997.	<input type="checkbox"/>
10	FCC Website, "Broadband PCS," available at http://wireless.fcc.gov/services/index.htm?job=service_home&id=broadband_pcs (accessed November 9, 2009).	<input type="checkbox"/>
11	RealNetworks, "RealPlayer plus, RealPlayer 7 Plus User Manual," Copyright 2000, March 6, 2000.	<input type="checkbox"/>
12	DAVID POGUE, "SoundJam MP Digital Audio System Manual," 1999.	<input type="checkbox"/>
13	iTunes Wikipedia Page, http://en.wikipedia.org/wiki/iTunes , accessed July 31, 2009.	<input type="checkbox"/>
14	K. JOST, "The Car as a Mobile-Media Platform," Automotive Engineering International, May 1998, Pages 49-53.	<input type="checkbox"/>
15	S.K. KIRSCHNER, "Wired Wheels," Popular Science, March 1998, Pages 54-55.	<input type="checkbox"/>
16	R. LIND, et al., "The Network Vehicle - A Glimpse into the Future of Mobile Multi-Media," 17th AIAA/IEEE/SAE Digital Avionics Sys. Conference Proceedings, October 31 to November 7, 1998, at I21-1 to I21-8.	<input type="checkbox"/>

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12015320
	Filing Date		2008-01-16
	First Named Inventor	Russell White, et al.	
	Art Unit	2617	
	Examiner Name	Erika A. Gary	
	Attorney Docket Number	AFF.004C5US	

1	Request for Inter Partes Reexamination of U.S. Patent No. 7,187,947, filed on November 13, 2009, with accompanying Claim Charts.	<input type="checkbox"/>
2	Request for Inter Partes Reexamination of U.S. Patent No. 7,440,772, filed on November 13, 2009, with accompanying Claim Charts.	<input type="checkbox"/>
3	Request for Inter Partes Reexamination of U.S. Patent No. 7,324,833, filed on November 13, 2009, with accompanying Claim Charts.	<input type="checkbox"/>
4	Request for Inter Partes Reexamination of U.S. Patent No. 7,486,926, filed on November 13, 2009, with accompanying Claim Charts.	<input type="checkbox"/>
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	Attorney Docket Number	AFF.004C5US

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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	5539658		1996-07-23	McCullough, Timothy L.			
	2	6675233		2004-01-26	Du			
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	1	20030126335		2003-07-03	Silvester, Kelan C.			
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	1	DE 19 651 308 A1	DE		1996-10-12	Becker GmbH		<input type="checkbox"/>
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	Filing Date		2008-01-16
	First Named Inventor	Russell W. White, et al.	
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	Examiner Name	Erika A. Gary	
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	1	"Universal Serial Bus Specification," Revision 1.1, September 23, 1998, pages ii-106.	<input type="checkbox"/>
	2	Reply to Office Action Mailed August 5, 2009 in Reexamination Control No. 90/010,333 of U.S. Patent No. 7,324,833 (along with a Supplemental Reply and Second Supplemental Reply).	<input type="checkbox"/>
	3	Response to "Notice of Failure to Comply with Inter Partes Reexamination Request Filing Requirements (37 CFR 1.915(d)) filed on September 22, 2009. Requestor: Volkswagen Group of America, Inc. with Replacement Request for Inter Partes Reexamination of U.S. Patent No. 7,324,833 and Claim Charts A-JJ.	<input type="checkbox"/>
	4	The United States Patent And Trademark Office, Office Action Mailed November 9, 2007 in related patent application serial no. 10/947,755.	<input type="checkbox"/>

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	Filing Date		2009-06-30	
	First Named Inventor	Russell White, et al.		
	Art Unit	2617		
	Examiner Name	Erika A. Gary		
	Attorney Docket Number	AFF.0004C7US		

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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	4802492		1989-02-07	Grunstein			
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	2	JP 10-356742	JP		2002-10-02			<input type="checkbox"/>
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	Filing Date		2009-06-30
	First Named Inventor	Russell White, et al.	
	Art Unit	2617	
	Examiner Name	Erika A. Gary	
	Attorney Docket Number	AFF.0004C7US	

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	1	U.S. Patent and Trademark Office, Office Action mailed May 24, 2010 with Reply filed on July 23, 2010 and supplemental reply filed on July 26, 2010 for U.S. patent reexamination no. 95/001,262.	<input type="checkbox"/>
	2	Third Party Requester's Comments to Patent Owner's Supplemental Reply of July 26, 2010 Pursuant to 37 C.F.R 1.947, filed on August 25, 2010 for U.S. patent reexamination no. 95/001,262.	<input type="checkbox"/>
	3	U.S. Patent and Trademark Office, Office Action mailed August 2, 2010 with Reply filed on October 1, 2010 for U.S. patent reexamination no. 95/001,266.	<input type="checkbox"/>
	4	U.S. Patent and Trademark Office, Office Action mailed July 7, 2009 with Reply filed on September 9, 2009 for U.S. patent reexamination no. 95/001,263.	<input type="checkbox"/>
	5	Third Party Requester's Comments to Patent Owner's Supplemental Reply of September 9, 2010 Pursuant to 37 C.F.R 1.947, filed on October 12, 2010 for U.S. patent reexamination no. 95/001,263.	<input type="checkbox"/>
	6	U.S. Patent and Trademark Office, Office Action mailed September 2, 2010 with Reply filed on November 2, 2010 for U.S. patent reexamination no. 95/001,281	<input type="checkbox"/>
	7	Third Party Requester's Comments to Patent Owner's Reply of October 1, 2010 Pursuant to 37 C.F.R 1.947, filed on November 1, 2010 for U.S. patent reexamination no. 95/001,266	<input type="checkbox"/>

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	Filing Date	2009-06-30
	First Named Inventor	Russell White, et al.
	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.0004C7US

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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).

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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.
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Name/Print	Mark J. Rozman	Registration Number	42117

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Electronic Patent Application Fee Transmittal

Application Number:	12495190			
Filing Date:	30-Jun-2009			
Title of Invention:	Method For Content Delivery			
First Named Inventor/Applicant Name:	Russell W. White			
Filer:	Mark J. Rozman			
Attorney Docket Number:	AFF.0004C7US			
Filed as Large 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

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EFS ID:	9055788
Application Number:	12495190
International Application Number:	
Confirmation Number:	2380
Title of Invention:	Method For Content Delivery
First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman
Filer Authorized By:	
Attorney Docket Number:	AFF.0004C7US
Receipt Date:	16-DEC-2010
Filing Date:	30-JUN-2009
Time Stamp:	17:31:45
Application Type:	Utility under 35 USC 111(a)

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Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	4481
Deposit Account	201504
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	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.0004C7US

U.S.PATENTS						
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	5797089		1998-08-18	Nguyen, et al.	
	2	5991640		1999-11-23	Lilja, et al.	
	3	6338044		2002-01-08	Cook, et al.	
	4	7549007		2009-06-16	Smith, et al.	
	5	7139626		2006-11-21	Kataoka, et al.	
	6	5852775		1998-12-22	Hidary	
	7	5889852		1999-03-30	Rosecrans, et al.	
	8	6007228		1999-12-28	Agarwal, et al.	

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	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.0004C7US

9	7562392		2009-07-14	Rhoads, et al.	
10	6633932		2003-10-14	Bork, et al.	

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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	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"/>

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NON-PATENT LITERATURE DOCUMENTS

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	CAI, JIAN, et al., "General Packet Radio Service in GSM," IEEE Communications Magazine, October 1997.	<input type="checkbox"/>
	2	RealNetworks, "RealPlayer Plus G2 Manual," Copyright 1998-1999.	<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12495190
	Filing Date		2009-06-30
	First Named Inventor	Russell W. White, Jr.	
	Art Unit	2617	
	Examiner Name	Erika A. Gary	
	Attorney Docket Number	AFF.0004C7US	

3	RATHBONE, ANDY, "MP3 for Dummies," IDG Books Worldwide, Copyright 1999.	<input type="checkbox"/>
4	Affinity Labs of Texas, LLC v. BMW North America, LLC, et al., C.A. No. 9:08CV164 and Affinity Labs of Texas, LLC v. Alpine Electronics of America, Inc., et al., C.A. No. 9:08CV171, Eastern District of Texas, Order Construing Claim Terms of United States Pates No. 7,324,833, December 18, 2009, pp. 1-31.	<input type="checkbox"/>
5	Exhibit B to Third Party Requester's Comments to Patent Owner's Supplemental Reply of July 26, 2010 filed August 25, 2010 in Reexamination No. 95/001,262 (Declaration of Dr. Bruce Maggs dated August 25, 2010).	<input type="checkbox"/>
6	Exhibit A to Third Party Requester's Comments to Patent Owner's Reply of September 9, 2010 filed October 12, 2010 in Reexamination No. 95/001,263 (Declaration of Dr. Bruce Maggs dated October 12, 2010).	<input type="checkbox"/>
7	Nokia, "Quick Guide - Accessories Guide," Copyright 1999.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

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	12495190
	Filing Date	2009-06-30
	First Named Inventor	Russell W. White, Jr.
	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.0004C7US

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.
- Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- None

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	/Mark J. Rozman/	Date (YYYY-MM-DD)	2010-12-09
Name/Print	Mark J. Rozman	Registration Number	42117

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.

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-10)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12495115
	Filing Date		2009-06-30
	First Named Inventor	Russell W. White, Jr.	
	Art Unit		2617
	Examiner Name	Erika A. Gary	
	Attorney Docket Number		AFF.0004C6US

U.S.PATENTS						
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	5797089		1998-08-18	Nguyen, et al.	
	2	5991640		1999-11-23	Lilja, et al.	
	3	6338044		2002-01-08	Cook, et al.	
	4	7549007		2009-06-16	Smith, et al.	
	5	7139626		2006-11-21	Kataoka, et al.	
	6	5852775		1998-12-22	Hidary	
	7	5889852		1999-03-30	Rosecrans, et al.	
	8	6007228		1999-12-28	Agarwal, et al.	

Electronic Patent Application Fee Transmittal

Application Number:	12495190			
Filing Date:	30-Jun-2009			
Title of Invention:	Method For Content Delivery			
First Named Inventor/Applicant Name:	Russell W. White			
Filer:	Mark J. Rozman/Stephanie Petreas			
Attorney Docket Number:	AFF.0004C7US			
Filed as Large 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:	9001416
Application Number:	12495190
International Application Number:	
Confirmation Number:	2380
Title of Invention:	Method For Content Delivery
First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman/Stephanie Petreas
Filer Authorized By:	Mark J. Rozman
Attorney Docket Number:	AFF.0004C7US
Receipt Date:	09-DEC-2010
Filing Date:	30-JUN-2009
Time Stamp:	14:52:42
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	1200
Deposit Account	201504
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 1.21 (Miscellaneous fees and charges)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	AFF004C7USIDStofile.pdf	179486	no	6
			572e82dfffa854ef34a2ec4c027979742e4e8b7be		
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
2	NPL Documents	GeneralPacketRadioServiceinGSM.pdf	868318	no	10
			a873e00cf1926c6e373bb0bba89b04f9e4770c37		
Warnings:					
Information:					
3	NPL Documents	RealNetworks-RealPlayerPlusG2Manual.pdf	2301378	no	84
			b1216f896f2c8c8245274f08ee32d43d32b66841		
Warnings:					
Information:					
4	NPL Documents	MP3forDummies.pdf	13260366	no	337
			4e591a8d2c9a00e19f3a54c90dc8b656f80277e2		
Warnings:					
Information:					
5	NPL Documents	OrderConstruingClaimTermsOfUSPatent7324833dated12-18-09.pdf	904284	no	31
			5fbb5eadae051d52ebab7382c8291713d6d6b66c		
Warnings:					
Information:					
6	NPL Documents	AFF004B3-DeclarationofDrBruceMaggs.pdf	14673572	no	312
			72dd75cfd0574a326840c21985cd7e116243cc05		
Warnings:					
Information:					
7	Transmittal Letter	AFF004B6-DeclarationofDrBruceMaggs.pdf	8822524	no	188
			35d5ced297bea06f4b4bd2c78d6f71fb3b7dcd5		
Warnings:					
Information:					
8	NPL Documents	NokiaQuickGuide-AccessoriesGuide.pdf	520188	no	35
			efd98a6a5619df89445574d4c30f3b1307963e40		
Warnings:					
Information:					

9	Fee Worksheet (PTO-875)	fee-info.pdf	30360 <small>0b444474e68e0c57dd0505890ba2067aa0 b32d28</small>	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			41560476		
<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>					



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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

12/495,190 06/30/2009 Russell W. White AFF.0004C7US 2380

21906 7590 09/17/2010
TROP, PRUNER & HU, P.C.
1616 S. VOSS ROAD, SUITE 750
HOUSTON, TX 77057-2631

Table with 1 column: EXAMINER

GARY, ERIKA A

Table with 2 columns: ART UNIT, PAPER NUMBER

2617

Table with 2 columns: MAIL DATE, DELIVERY MODE

09/17/2010 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.

DETAILED ACTION

Specification

1. The disclosure is objected to because of the following informalities: the first page of the specification should include that SN 12/015,320 is now US Patent Number 7,778,595.

Appropriate correction is required.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

3. Claims 20, 24-26, and 32 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. The specification does not adequately teach that the communication rate is lower than 100 Kbps specifically. The specification also does not teach maintaining a store resource, and providing a copy of various collections of instructions to a user.

Claim Rejections - 35 USC § 103

4. 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.

5. Claims 30, 31, and 33-36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Leeke et al., US Patent Number 6,587,127 (hereinafter Leeke) in view of Lin et al., US Patent Number 6,405,256 (hereinafter Lin).

Regarding claim 30, Leeke discloses a method for content delivery, comprising: presenting a graphical user interface on a display of an electronic device that is capable of wireless communication; recognizing selection of an icon presented on the display, wherein the icon is associated with content that is deliverable as a streaming media; accessing a listing of network locations from which information associated with the content may be obtained [col. 1: lines 15-16; col. 4: lines 8-9, 21-67; col. 7: lines 55-57; col. 12: lines 15-55].

What Leeke does not specifically disclose is executing instructions at the electronic device to direct a processor in the electronic device to switch between a set of communication rates at which the electronic device receives a first portion and a second portion of the content, wherein the set of wireless communication rates comprises at least a first data rate and a second data rate that is slower than the first data rate. However, Lin teaches this limitation [col. 3: lines 10-18].

At the time of the invention, it would have been obvious to one of ordinary skill in the art to modify Leeke to include Lin. The motivation for this modification, as

suggested by Lin, would have been to improve the performance of the data streaming [col. 3: lines 24-28].

Regarding claim 31, Lin teaches utilizing a portion of the instructions at the electronic device to switch between at least two of the set of communication rates [col. 3: lines 10-28].

Regarding claim 33, Leeke teaches receiving a software upgrade [col. 5: lines 46-48].

Regarding claim 34, Leeke teaches each of the presenting, recognizing, accessing, and executing steps are performed by one or more components of a portable device that is operable as a telephone [col. 4: lines 21-24].

Regarding claim 35, Leeke teaches each of the presenting, recognizing, accessing, and executing steps are performed by one or more components of a portable device that is not operable as a cellular telephone [col. 4: lines 21-24].

Regarding claim 36, Lin teaches switching between the first data rate and the second data rate based on an amount of the content that has been buffered in the electronic device [col. 3: lines 10-28].

Double Patenting

6. 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).

7. Claims 37-41 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1, 3, 5, 7, and 10 of U.S. Patent No. 7,778,595 in view of Lin.

Regarding claim 37, claim 1 of patent teaches a system for content delivery, comprising: a portable device having a display, a local rechargeable battery, a wireless

communication system, and a processor; a physical interface of the portable device, the physical interface configured to connect to an interface system that includes a cable having multiple conductive elements, wherein the physical interface is designed such that a different electronic device can be communicatively coupled with the physical interface of the portable device using the interface system in a manner that allows the different electronic device to recharge the local rechargeable battery using at least one of the multiple conductive elements and to communicate with the portable device using at least one other of the multiple conductive elements; and a computer-readable medium having stored instructions that when executed are operable to cause the processor: (1) to present an icon on the display, the icon associated with content that is deliverable as streaming media; (2) to recognize a selection of the icon.

What the patent does not teach is switching between a set of communication rates at which the portable device receives a first portion and a second portion of the content, wherein the set of communication rates comprise at least a first data rate and a second data rate that is slower than the first data rate. However, Lin teaches this limitation [col. 3: lines 10-18].

At the time of the invention, it would have been obvious to one of ordinary skill in the art to modify the patent to include Lin. The motivation for this modification, as suggested by Lin, would have been to improve the performance of the data streaming [col. 3: lines 24-28].

Regarding claim 38, claim 3 of the patent teaches the interface system and the different electronic device, wherein at least a portion of the different electronic device is

a component of an automobile sound system and the interface system utilizes at least one bus to communicatively couple with the different electronic device.

Regarding claim 39, claim 5 of the patent teaches the interface system and the different electronic device, wherein at least a portion of the different electronic device is a component of a stereo system and the interface system utilizes at least one bus to communicatively couple with the different electronic device.

Regarding claim 40, claims 1 and 10 of the patent teach the stored instructions are further operable to cause the processor: (1) to obtain a listing of network locations at which to access the streaming media; and (2) to cause a first of the network locations to be accessed to facilitate a streaming delivery of the streaming media.

Regarding claim 41, claim 7 of the patent teaches the content is selected from a group consisting of a song and a video.

Allowable Subject Matter

8. Claims 19, 22, 23 and 27-29 are allowed as prior art has not yet been found that teaches the method for content delivery in independent claim 19, comprising presenting an icon comprising the word "store" on the display in conjunction with the different collections of instructions executable by a processor of the remote electronic device to access a website, recognize an icon associated with streaming media content to be delivered, and switch between sets of communication rates.

Conclusion

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Erika A. Gary whose telephone number is 571-272-7841. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dwayne Bost can be reached on 571-272-7023. 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.

/EAG/
September 15, 2010

/Erika A. Gary/
Primary Examiner, Art Unit 2617

Notice of References Cited	Application/Control No. 12/495,190	Applicant(s)/Patent Under Reexamination WHITE ET AL.	
	Examiner Erika A. Gary	Art Unit 2617	Page 1 of 1

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A US-6,405,256 B1	06-2002	Lin et al.	709/231
*	B US-6,587,127	07-2003	Leeke et al.	715/765
	C US-			
	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

*	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. 12495190	Applicant(s)/Patent Under Reexamination WHITE ET AL.
	Examiner Erika A Gary	Art Unit 2617

SEARCHED			
Class	Subclass	Date	Examiner
	see EAST search attached	9/14/10	EAG

SEARCH NOTES		
Search Notes	Date	Examiner
see EAST search attached	9/14/10	EAG

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

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BIB DATA SHEET

CONFIRMATION NO. 2380

SERIAL NUMBER 12/495,190	FILING or 371(c) DATE 06/30/2009 RULE	CLASS 455	GROUP ART UNIT 2617	ATTORNEY DOCKET NO. AFF.0004C7US		
APPLICANTS Russell W. White, Austin, TX; Kevin R. Imes, Austin, TX;						
** CONTINUING DATA ***** This application is a CON of 12/015,320 01/16/2008 PAT 7,778,595 which is a CON of 10/947,755 09/23/2004 PAT 7,324,833 and is a CON of 09/537,812 03/28/2000 PAT 7,187,947						
** FOREIGN APPLICATIONS *****						
** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 07/09/2009						
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Met after Allowance	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input type="checkbox"/> No		Initials	TX	9	18	2
Verified and Acknowledged		/ERIKA A GARY/ Examiner's Signature				
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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("7778595").PN.	USPAT	OR	OFF	2010/09/15 11:02
L2	1	1 and video	USPAT	ADJ	ON	2010/09/15 11:02
L3	1	("6587127").PN.	USPAT	OR	OFF	2010/09/15 11:11
L4	0	(content or streaming or media or audio or music or video or multimedia) with (streaming or download \$3) with data adj rate and (icon with word with store)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/15 11:12
L5	30	(content or streaming or media or audio or music or video or multimedia) with (streaming or download \$3) and (icon with word with store)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/15 11:12
L6	1	("7324833").PN.	USPAT	OR	OFF	2010/09/15 11:21
S1	2	((("6722212") or ("6061306")).PN.	USPAT	OR	OFF	2007/04/05 16:15
S2	2	((("6772212") or ("6061306")).PN.	USPAT	OR	OFF	2006/06/21 10:01
S3	84	(audio or stereo or music) with (car or vehicle or automobile) with (portable or mp3) with cable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:08
S4	26	S3 and cable with power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:09
S5	12	S3 and cable with power with (charg\$3 or recharge \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:09

S6	12	S5 and button	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:05
S7	12	(audio or stereo or music) with (car or vehicle or automobile) with (mp3) with cable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:11
S8	2	S7 and cable with power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:18
S9	0	S8 and cable with power with (charg\$3 or recharg \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:09
S10	10	S7 not S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:10
S11	16	(car or vehicle or automobile) with (mp3) with cable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:13
S12	4	S11 not S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:12
S13	20	(car or vehicle or automobile) with (mp3 or mpeg or portable adj music) with cable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:37
S14	4	S13 not S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:13
S15	2	((("6123309") or ("6042414")).PN.	USPAT	OR	OFF	2006/06/21 10:18
S16	893	(car or vehicle or automobile) with (mp3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:20

S17	306	S16 and (car or vehicle or automobile) with (mp3). ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:33
S18	30	S17 and cable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:30
S19	3	S18 and cable with power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:21
S20	27	S18 not S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:21
S21	24	S17 and (wired or wire)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:30
S22	3	S17 and ((wired or wire) with power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:31
S23	21	S21 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:31
S24	10	S23 not S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:31
S25	69	S17 and power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:33
S26	12	S25 and port	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:33

S27	40	(car or vehicle or automobile) with (mp3 or mpeg or portable adj music or audio adj file) with (cable or cord or wire or wired or wires)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:47
S28	6	S27 and (cable or cord or wire or wired or wires) with power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:39
S29	34	S27 not S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:39
S30	471	((car or vehicle or automobile) with (mp3 or mpeg or portable adj music or audio adj file)) and (cable or cord or wire or wired or wires)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 14:52
S31	83	S30 and (cable or cord or wire or wired or wires) with power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:48
S32	219	S30 and (recharg\$4 or charg\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:48
S33	64	S31 and (recharg\$4 or charg\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 14:54
S34	3	S33 and ((car or vehicle or automobile) with (mp3 or mpeg or portable adj music or audio adj file)). ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:49
S35	61	S33 not S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:49
S36	58	S35 not (S4 or S21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 10:49

S37	327	((car or vehicle or automobile) with (mp3 or mpeg or portable adj music or audio adj file or music or cd adj player or compact adj2 player)) and ((cable or cord or wire or wired or wires) with power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 15:15
S38	113	S37 and (recharg\$4 or charg\$3) with (power or battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 15:16
S39	47	S38 and (cable or cord or wire or wired or wires) with (recharg\$4 or charg\$3) with (power or battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 15:16
S40	3	S39 and ((car or vehicle or automobile) with (mp3 or mpeg or portable adj music or audio adj file or music or cd adj player or compact adj2 player)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 15:17
S41	44	S39 not S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 14:56
S42	6	S41 and playlist\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 15:14
S43	38	S41 not S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 14:58
S44	66	S38 not S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 15:14
S45	2	S44 and playlist\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 15:17

S46	64	S44 not S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 15:15
S47	1290	((car or vehicle or automobile) with (mp3 or mpeg or portable adj music or audio adj file or music or cd adj player or compact adj2 player or audio)) and ((cable or cord or wire or wired or wires) with power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 15:15
S48	95	S47 and (cable or cord or wire or wired or wires) with (recharg\$4 or charg \$3) with (power or battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 15:16
S49	48	S48 not S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 15:16
S50	112	S46 or S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 15:18
S51	0	S49 and playlist\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 15:17
S52	0	S49 and ((car or vehicle or automobile) with (mp3 or mpeg or portable adj music or audio adj file or music or cd adj player or compact adj2 player)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/21 15:40
S53	2	S50 and ((car or vehicle or automobile) with (mp3 or mpeg or portable adj music or audio adj file or music or cd adj player or compact adj2 player)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 16:14

S54	121	((car or vehicle or automobile) with (radio or stereo or sound adj system) with (mp3 or mpeg or portable adj music or audio adj file or music or cd adj player or compact adj2 player)) and ((cable or cord or wire) with (power))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 16:34
S55	9	((car or vehicle or automobile) with (radio or stereo or sound adj system) with (mp3 or mpeg or portable adj music or audio adj file or music or cd adj player or compact adj2 player)) with ((cable or cord or wire) with (power))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 16:34
S56	112	S54 not S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 16:34
S57	9	S56 and ((car or vehicle or automobile) with (radio or stereo or sound adj system) with (mp3 or mpeg or portable adj music or audio adj file or music or cd adj player or compact adj2 player)).ab. and ((cable or cord or wire) with (power))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 16:38
S58	1	S56 and ((car or vehicle or automobile) with (radio or stereo or sound adj system) with (mp3 or mpeg or portable adj music or audio adj file or music or cd adj player or compact adj2 player)).clm. and ((cable or cord or wire) with (power)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 16:38

S59	8	S56 and ((car or vehicle or automobile) with (radio or stereo or sound adj system) with (mp3 or mpeg or portable adj music or audio adj file or music or cd adj player or compact adj2 player)).clm. and ((cable or cord or wire) with (power))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 16:38
S60	8	S59 not S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 16:42
S61	95	S56 not (S57 or S59)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 16:42
S62	2	((("20030022703") or ("20010028717")).PN.	US-PGPUB	OR	OFF	2007/04/05 16:18
S63	2	((("6526335") or ("6563769")).PN.	US-PGPUB; USPAT	OR	OFF	2007/04/05 16:18
S64	22	((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and (mp3 or digital adj audio adj file) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:22

S65	98	((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and (mp3 or digital adj audio adj file or audio adj file) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/31 19:45
S66	76	S65 not S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 15:39
S67	1	("20020023028").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/22 16:29
S68	1	S67 and display\$3	US-PGPUB; USPAT	OR	OFF	2007/05/22 16:30
S69	2	((("7065342") or ("6694200")).PN.	USPAT	OR	OFF	2007/10/31 18:08
S70	1	"6408332".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:23
S71	1	"6332175".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:26
S72	1	"5991727".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:26
S73	1	"5914941".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:26
S74	1	"5905632".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:27
S75	1	"5870710".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:27
S76	1	"5841979".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:29
S77	1	"5839108".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:30
S78	1	"5809520".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:30
S79	1	"5787399".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:31

S80	1	"5737491".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:31
S81	1	"5680293".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:32
S82	1	"5557541".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:32
S83	1	"5511000".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:34
S84	1	"5491774".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:34
S85	1	"5490235".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:35
S86	1	"5359698".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:35
S87	1	"5195022".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:36
S88	1	"5155662".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:36
S89	1	"5195022".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:36
S90	1	"5220520".PN.	USPAT; USOCR	OR	ON	2007/10/31 18:37
S91	7	"6694200".uref.	USPAT; USOCR	OR	ON	2007/10/31 18:43
S92	2	(("6681120") or ("6278884")).PN.	USPAT	OR	OFF	2007/10/31 18:43
S93	273	((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system or car or automobile)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and (mp3 or digital adj audio adj file or audio adj file or music) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/31 19:47

S94	142	S93 and (multimedia or mp3 or music or media adj player or audio adj file). ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/31 19:47
S95	2	((("6681120") or ("6278884")).PN.	USPAT	OR	OFF	2007/11/07 10:51
S96	0	((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and (mp3 or digital adj audio adj file) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3) and ((gui or graphical adj user adj interface) with ((soft adj (key or button)) or touch adj screen or touchscreen))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:36
S97	0	((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and (mp3 or digital adj audio adj file) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3) and ((gui or graphical adj user adj interface or menu) with ((soft adj (key or button)) or touch adj screen or touchscreen))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:30

S98	0	(((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and (mp3 or digital adj audio adj file) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3) and ((gui or graphical adj user adj interface or menu) with ((soft adj (key or button)) or touch adj screen or touchscreen))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:26
S99	0	(((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and (mp3 or digital adj audio adj file) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3) and ((gui or graphical adj user adj interface or menu))) .clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:31

S100	14	((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and (mp3 or digital adj audio adj file) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3) and ((gui or graphical adj user adj interface or menu)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:27
S101	10	((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and (mp3 or digital adj audio adj file) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3) and ((gui or graphical adj user adj interface)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:28
S102	4	S100 not S101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:28

S103	0	((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and (mp3 or audio adj file) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3) and ((gui or graphical adj user adj interface or menu) with ((soft adj (key or button)) or touch adj screen or touchscreen))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:30
S104	16	((((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and (mp3 or audio adj file) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3) and ((gui or graphical adj user adj interface or menu)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:33
S105	2	S104 not S100	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:31

S106	11	(((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and (mp3 or audio adj file) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3) and ((gui or graphical adj user adj interface)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:36
S107	0	S106 not S104	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:33
S108	0	(((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and (mp3 or audio adj file) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3) and ((gui or graphical adj user adj interface))). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:36

S109	0	((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3) and ((gui or graphical adj user adj interface) with ((soft adj (key or button)) or touch adj screen or touchscreen))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:37
S110	16	((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3) and ((gui or graphical adj user adj interface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:41
S111	5	S110 not S104	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:37

S112	4	((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3) and ((gui or graphical adj user adj interface)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:42
S113	0	((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and ((text\$3 adj information or metadata or title or artist or song or associated adj information) with display \$3) and ((gui or graphical adj user adj interface) with ((soft adj (key or button)) or touchscreen or touch adj screen)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:42
S114	0	((multimedia or mp3 or music or media adj player or audio adj file) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) with ((text\$3 adj information or metadata or title or associated adj information or artist) with (display\$3)) and ((text\$3 adj information or metadata or title or artist or song or associated adj	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/26 18:42

		information) with display \$3) and ((gui or graphical adj user adj interface) with ((soft adj (key or button)) or touchscreen or touch adj screen))				
S115	3	((("7324833") or ("7187947") or ("7440772")).PN.	USPAT	OR	OFF	2009/01/30 13:23
S116	0	S115 and (digital adj satellite adj receiver)	USPAT	OR	ON	2009/01/30 13:25
S117	0	S115 and (digital adj satellite adj receiv\$3)	USPAT	OR	ON	2009/01/30 13:26
S118	0	S115 and (account with streaming adj audio)	USPAT	OR	ON	2009/01/30 13:26
S119	0	S115 and (account with streaming)	USPAT	OR	ON	2009/01/30 13:26
S120	0	S115 and (account with satellite)	USPAT	OR	ON	2009/01/30 13:26
S121	3	S115 and (streaming adj audio)	USPAT	OR	ON	2009/01/30 13:27
S122	0	S115 and (streaming adj audio with satellite)	USPAT	OR	ON	2009/01/30 13:27
S123	3	S115 and (streaming adj audio with internet)	USPAT	OR	ON	2009/01/30 13:27
S124	0	S115 and ((subscription or account) with streaming adj audio)	USPAT	OR	ON	2009/01/30 13:28
S125	0	S115 and ((subscription or account or subscrib\$3) with streaming adj audio)	USPAT	OR	ON	2009/01/30 13:28
S126	0	S115 and ((subscription or account or subscrib\$3) with satellite)	USPAT	OR	ON	2009/01/30 13:28
S127	3	((("6396164") or ("6255961") or ("6282464")).PN.	USPAT	OR	OFF	2009/01/30 13:38
S128	6	((("6622083") or ("6396164") or ("6255961") or ("6282464") or ("6148261") or ("6526355")).PN.	USPAT	OR	OFF	2009/11/07 17:48
S129	3	((("20040117442") or ("20010028717") or ("20030215102")).PN.	US-PGPUB; USPAT	OR	OFF	2009/11/07 18:00
S130	3	((("7321783") or ("6681120") or ("6278884")).PN.	US-PGPUB; USPAT	OR	OFF	2009/11/07 18:08

S131	1	puadsey.in. and information adj distribution.ti.	USPAT; EPO	OR	ON	2009/11/07 18:45
S132	12	S128 or S129 or S130 or S131	US-PGPUB; USPAT	OR	ON	2009/11/07 18:53
S133	6	S132 and (charg\$3 or recharg\$)	US-PGPUB; USPAT	OR	ON	2009/11/07 18:53
S134	3	((("4807292") or ("6232539") or ("6230322")).PN.	USPAT	OR	OFF	2009/11/07 19:09
S135	2	S134 and (charg\$3 or recharg\$)	US-PGPUB; USPAT	OR	ON	2009/11/07 19:13
S136	0	S134 and soft adj button	US-PGPUB; USPAT	OR	ON	2009/11/07 19:16
S137	0	S132 and soft adj button	US-PGPUB; USPAT	OR	ON	2009/11/07 19:16
S138	4	S132 and (gui or graphical adj2 interface)	US-PGPUB; USPAT	OR	ON	2009/11/07 19:17
S139	5	S132 and (gui or graphical adj2 interface or icon or soft adj button or soft adj key)	US-PGPUB; USPAT	OR	ON	2009/11/07 19:17
S140	4	S139 and (vehicle or automobile)	US-PGPUB; USPAT	OR	ON	2009/11/07 19:18
S141	1	("6202060").PN.	USPAT	OR	OFF	2009/11/07 19:25
S142	474	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:41
S143	187	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:42

S144	6	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and physical adj interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:42
S145	0	((((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and physical adj interface).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:44
S146	151	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:45
S147	0	((((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call)).ab. and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:45

S148	12	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)).ab. and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:45
S149	12	S148 not S144	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:45
S150	41	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system)).ab. and (broadcast\$3 or transmit \$4) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:48
S151	29	S150 not S149	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:48
S152	50	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system)).ab. and (broadcast\$3 or transmit \$4) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:51

S153	9	S152 not S150	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:51
S154	17	(((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4))).ab. and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:52
S155	5	S154 not S148	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:52
S156	6	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and physical adj interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:53
S157	0	(((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and physical adj interface).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:53

S165	1	"7778595"	USPAT	ADJ	ON	2010/08/25 10:59
S166	1	S165 and regional adj broadcasting adj channel	USPAT	ADJ	ON	2010/08/25 10:59
S167	1	S165 and local adj broadcast\$3	USPAT	ADJ	ON	2010/08/25 11:03
S168	10	((region\$4 or local\$2) adj2 broadcast\$3) with (phone or telephone or pda or wireless or mobile or ms or radiotelephone) with (outside with (region\$2 or local or area))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/25 12:05
S169	10	((region\$4 or local\$2) adj2 (radio adj station or broadcast\$3)) with (phone or telephone or pda or wireless or mobile or ms or radiotelephone) with (outside with (region\$2 or local or area))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/25 12:10
S170	152	((radio adj station or broadcast\$3)) with (phone or telephone or pda or wireless or mobile or ms or radiotelephone) with (outside with (region\$2 or local or area))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/25 12:17
S171	27	((radio adj station or broadcast\$3)) with (phone or telephone or pda or ms or radiotelephone) with (outside with (region\$2 or local or area))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/25 12:18
S172	24	S171 not S169	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/25 12:18
S173	0	S165 and computer adj readable adj medium	USPAT	ADJ	ON	2010/08/25 12:27
S174	139	"6587127"	USPAT	ADJ	ON	2010/08/25 14:10
S175	1	("6587127").PN.	USPAT	OR	OFF	2010/08/25 14:10
S176	1	S175 and (advertisement with demographic)	USPAT	ADJ	ON	2010/08/25 14:11
S177	1	("7778595").PN.	USPAT	OR	OFF	2010/09/13 17:11
S178	1	S177 and software adj upgrade	USPAT	ADJ	ON	2010/09/13 17:11

S179	0	S177 and 100kbps	USPAT	ADJ	ON	2010/09/13 17:15
S180	0	S177 and "100" adj kbps	USPAT	ADJ	ON	2010/09/13 17:15
S181	1	S177 and instructions	USPAT	ADJ	ON	2010/09/13 17:15
S182	0	(content or streaming or media or audio or music or video) with (gui or graphical adj user adj interface or display\$3) with icon with data adj rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:21
S183	895	(content or streaming or media or audio or music or video) with (gui or graphical adj user adj interface or display\$3) with data adj rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:21
S184	30	S183 and first adj data adj rate and second adj data adj rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:22
S185	1	S184 and icon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:22
S186	29	S184 not S185	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:23
S187	0	(content or streaming or media or audio or music or video or multimedia) with (gui or graphical adj user adj interface or display\$3) with data adj rate with icon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:28
S188	7	((content or streaming or media or audio or music or video or multimedia) with data adj rate with icon) and (gui or graphical adj user adj interface or display\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:29

S189	7	S188 not S186	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:29
S190	1	("6587127").PN.	USPAT	OR	OFF	2010/09/13 17:35
S191	0	S190 and data adj rate	USPAT	ADJ	ON	2010/09/13 17:36
S192	0	S190 and transmission adj rate	USPAT	ADJ	ON	2010/09/13 17:36
S193	1	S190 and rate	USPAT	ADJ	ON	2010/09/13 17:36
S194	1	S190 and speed	USPAT	ADJ	ON	2010/09/13 17:37
S195	0	(streaming adj media with first adj data adj rate) and (streaming adj media with second adj data adj rate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:40
S196	1439	(content or streaming or media or audio or music or video or multimedia) with (streaming or download \$3) with data adj rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:41
S197	33	S196 and first adj data adj rate and second adj data adj rate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:41
S198	0	S196 and (switch\$3 with first adj data adj rate with second adj data adj rate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:41
S199	0	S196 and (switch\$3 with first adj data adj rate with another adj data adj rate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:42

S200	0	S196 and (switch\$3 with first adj data adj rate with slower adj data adj rate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:42
S201	0	S196 and (switch\$3 with data adj rate with slower adj data adj rate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:42
S202	27	S196 and (switch\$3 with data adj rate with (faster or slower or second or another))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:43
S203	127	S196 and ((content or streaming) with data adj rate with (faster or slower or second or another))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:49
S204	10	S196 and ((content or streaming) with first adj data adj rate with second adj data adj rate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:50
S205	82	S196 and ((receiv\$3 or download\$3) with data adj rate with (faster or slower or second or another))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:55
S206	8	S196 and ((receiv\$3 or download\$3) with data adj rate with (faster or slower or second or another) with (portion or segment))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/09/13 17:55
S207	0	S190 and software adj upgrade	USPAT	ADJ	ON	2010/09/13 18:04
S208	0	S190 and (software with upgrad\$3)	USPAT	ADJ	ON	2010/09/13 18:05
S209	0	S177 and (copy with instructions)	USPAT	ADJ	ON	2010/09/13 18:07
S210	0	S177 and (content with (segment\$3 or portion))	USPAT	ADJ	ON	2010/09/13 18:07

S211	1	S177 and ((streaming or media or content) with (segment\$3 or portion))	USPAT	ADJ	ON	2010/09/13 18:08
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EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S158	0	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and physical adj interface).clm.	USPAT; UPAD	OR	ON	2010/04/29 14:44
S159	0	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and interface).clm.	USPAT; UPAD	OR	ON	2010/04/29 14:44
S160	0	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and interface).clm.	USPAT; UPAD	OR	ON	2010/04/29 14:51

S161	0	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit \$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and (port or interface or jack)).clm.	USPAT; UPAD	OR	ON	2010/04/29 14:53
S162	0	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (broadcast\$3 or transmit \$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and (port or interface or jack)).clm.	USPAT; UPAD	OR	ON	2010/04/29 14:56
S163	0	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (broadcast\$3 or transmit \$4)) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and (port or interface or jack)).clm.	USPAT; UPAD	OR	ON	2010/04/29 14:57
S164	0	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (broadcast\$3 or transmit \$4)) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj2 call) and (port or interface or jack)).clm.	USPAT; UPAD	OR	ON	2010/04/29 14:57

9/ 15/ 10 11:28:46 AM

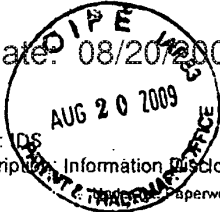
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Receipt date: 08/20/2009

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Doc code: DS
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	12015320
	Filing Date	2008-01-16
	First Named Inventor	Russell W. White, et al.
	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.004C5US

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	12015320
Filing Date	2008-01-16
First Named Inventor	Russell W. White, et al.
Art Unit	2617
Examiner Name	Erika A. Gary
Attorney Docket Number	AFF.004C5US

1	Affinity Labs of Texas, LLC, Plaintiff, v. Apple, Inc., Defendant, C.A. No. 9:09-cv-00047-RC (Eastern District of Texas), Complaint (pages 1-7), with Exhibits A, B and C, Filed March 24, 2009. 76 pages in total.	<input type="checkbox"/>
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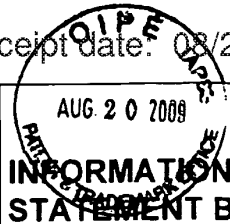
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Samsung Ex. 1211 p. 536

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	Examiner Name		Erika A. Gary	
	Attorney Docket Number		AFF.004C5US	

4	H11-242686	JP		1999-09-07	Sony Corporation	<input type="checkbox"/>
5	DE 44 31 070 B4	DE		2004-07-22	DaimlerChrysler AG	<input type="checkbox"/>
6	0 569 343 A1	EP		1993-10-11	Pioneer Electronic Corporation	<input type="checkbox"/>
7	0 675 341 A1	EP		1995-04-10	Honda Giken-Kogyo	<input type="checkbox"/>
8	0 771 686 A2	EP		1997-07-05	Toyota Jidosha Kabushiki Kaisha Toyota-shi, Aichi-	<input type="checkbox"/>
9	H4-261576	JP		1992-09-17	Mitsubishi Electric Corporation	<input type="checkbox"/>
10	2-301330	JP		1990-12-13		<input type="checkbox"/>
11	5-294250	JP		1993-11-09		<input type="checkbox"/>
12	6-187597	JP		1994-07-08		<input type="checkbox"/>
13	JP6289118	JP		1994-10-18	Sega Enterprises KK	<input type="checkbox"/>
14	JP6294659	JP		1994-10-21	Dainippon Printing Co. LTD.	<input type="checkbox"/>

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	15	07-129895	JP		1995-05-19	Honda Motor Co Ltd		<input type="checkbox"/>
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	25	JP1018712	JP		1989-01-23	Mazda Motor		<input type="checkbox"/>

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26	JP5077679	JP		1993-03-30	Nissan Motor		<input type="checkbox"/>
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28	JP63136828	JP		1988-06-09	Pioneer Electronic Corp.		<input type="checkbox"/>
29	63-136828	JP		1988-06-09			<input type="checkbox"/>
30	WO 96/04724	WO		1996-02-15	Emerson, Harry		<input type="checkbox"/>
31	WO 96/07110	WO		1996-03-07	British Telecommunications Public Limited Company		<input type="checkbox"/>
32	WO 97/13657	WO		1997-04-17	United Technologies Automotive, Inc.		<input type="checkbox"/>
33	H11-317061	JP		1999-11-16	Victor Company of Japan, LTD.		<input checked="" type="checkbox"/>
34	2901445	JP		1999-03-19	Kenwood Corporation		<input checked="" type="checkbox"/>
35	WO 99/35009	WO		1999-07-15	Microsoft Corporation		<input type="checkbox"/>
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37	11219580 A	JP		1999-10-08	Sony Corp	<input type="checkbox"/>
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39	11-068685	JP		1999-09-03	Sony Corp	<input type="checkbox"/>
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42	1999-0073234	KR		1999-10-05	Young-Man Lee	<input type="checkbox"/>
43	1999-0048723	KR		1999-07-05		<input type="checkbox"/>
44	KR2019990022030U	KR		1999-06-25	Young-Shik Cheon	<input type="checkbox"/>
45	2000-0001465	KR		2000-01-25	Samsung Motors	<input type="checkbox"/>
46	0142256	KR		1998-03-30		<input type="checkbox"/>
47	WO 98/21672	WO		1998-05-22	Inergy Online, Inc.	<input type="checkbox"/>

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48	WO 98/47252	WO		1998-10-22	Stern, Geoffrey	<input type="checkbox"/>
49	WO 00/54187	WO		2000-09-14	Rock.Com, Inc.	<input type="checkbox"/>
50	WO 00/60450	WO		2000-10-12	Khyber Technologies Corporation	<input type="checkbox"/>

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	1	MARK MOELLER, Computing Unplugged Magazine, "Product Preview, A Survey of Auto PC 2.0 for software developers," 1999-2009, Zatz Publishing, pages 1-7.	<input type="checkbox"/>
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	3	Claim Chart for KR19990033393, Claim 17 of U.S. Patent No. 7,324,833, pages 1-3.	<input type="checkbox"/>
	4	RIO500, Getting Started Guide for Windows 98 and Macintosh OS 8.6, pages 1-2.	<input type="checkbox"/>
	5	NORBERT A. STREITZ, et al., "DOLPHIN: Integrated Meeting Support Across Local And Remote Desktop Environments And LiveBoards," Integrated Publication and Information Systems Institute, 1994, pages 345-358.	<input type="checkbox"/>
	6	LEO DEGEN, et al., "Working with Audio: Integrating Personal Tape Recorders and Desktop Computers," May 3-7, 1992, pages 413-418.	<input type="checkbox"/>

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7	H.S. JUN GIBEE, "A Virtual Information Desk On The Internet," University of Ulsan, September 1999, pages 265-268.	<input type="checkbox"/>
8	STEVE WHITTAKER, et al., "TeleNotes: Managing Lightweight Interactions in the Desktop," Lotus Development Corporation, June 1997, pages 137-168.	<input type="checkbox"/>
9	R.M. CROWDER, et al., "Integration of Manufacturing Information Using Open Hypermedia," Computer in Industry, 1999, pages 31-42.	<input type="checkbox"/>
10	TOMAS BOSTROM, et al., "Mobile Audio Distribution," Royal Institute of Technology, 1999, pages 166-172.	<input type="checkbox"/>
11	ALEX POON, et al., Xerox Disclosure Journal, Vol. 19, No. 2, "Gestural User Interface Technique for Controlling the Playback of Sequential Media," March/April 1994, pages 187-190.	<input type="checkbox"/>
12	DEB KUMAR ROY, "NewsComm: A Hand-Held Device For Interactive Access to Structured Audio," Massachusetts Institute of Technology, June 1995, pages 1-12.	<input type="checkbox"/>
13	VICTORIA BELLOTTI, et al., "Walking Away from the Desktop Computer: Distributed Collaboration and Mobility in a Product Design Team," 1996, pages 209-218.	<input type="checkbox"/>
14	UPUL OBEYSEKARE, et al., "The Visual Interactive Desktop Laboratory," January-March 1997, pages 63-71.	<input type="checkbox"/>
15	ASIM SMAILAGIC, et al., "MoCCA: A Mobile Communication and Computing Architecture," Institute for Complex Engineered Systems, pages 1-8.	<input type="checkbox"/>
16	SUI-MENG POON, et al., "Integration of Value-Added Audio Playback Capacity Into Computer Network," Nanyang Technological University, 1995, pages 632-636.	<input type="checkbox"/>
17	ERDAL PAKSOY, et al., "A variable-rate celp coder for fast remote voicemail retrieval using a notebook computer," DSPS R&D Center, Texas Instruments, 1997, pages 119-124.	<input type="checkbox"/>

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18	JEFFREY A. DAVIS, "Use of Personal Computers in Satellite Command and Control Systems," Raytheon Systems Company, October 24, 1999, pages 283-291.	<input type="checkbox"/>
19	NIKI DAVIS, "Remote Teaching Via ISDN2 And Desktop Conferencing," Exeter University School of Education, pages 1-3.	<input type="checkbox"/>
20	A CHAN, et al., "The PEP-II Project-Wide Database," Stanford University, 1996, pages 840-842.	<input type="checkbox"/>
21	KRISHNA BHARAT, et al., "Migratory Applications," Springer Berlin, Vol. 1222, 1997, pages 1-21.	<input type="checkbox"/>
22	EMPEG CAR, "MP3 in your dash," Digital Audio Player User Guide, pages 1-50.	<input type="checkbox"/>
23	MICROSOFT, "Getting Started Microsoft. Windows. 98" Second Edition, 1998, pages 1-138.	<input type="checkbox"/>
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25	NAOHIKO KOHTAKE, et al., "InfoStick: an interaction device for Inter-Appliance Computing," Keio University, pages 1-15.	<input type="checkbox"/>
26	HEWLETT PACKARD, User's Guide, HP Jornada 420, Palm-Size PC, pages 1-75	<input type="checkbox"/>
27	MICROSOFT, "Introducing Microsoft Windows 95 - Certificate of Authenticity," 1995, pages 1-117.	<input type="checkbox"/>
28	SONY, "New Technical Theory For Servicing, MZ-R5ST Operation Manual," pages 1-44.	<input type="checkbox"/>

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29	RICHARD C. DAVIS, et al., "A Framework for Sharing Handwritten Notes," 1998, pages 119-120.	<input type="checkbox"/>
30	KRISHNA A. BHARAT, et al., "Migratory Applications," UIST '95, November 14-17, 1995, pages 133-142.	<input type="checkbox"/>
31	BRAD A. MYERS, "Collaboration Using Multiple PDAs Connected To A PC," Carnegie Mellon University, 1998, pages 385-294.	<input type="checkbox"/>
32	RICHARD C. DAVIS, et al., "NotePals: Lightweight Note Sharing by the Group, for the Group," May 15-20, 1999, pages 338-345.	<input type="checkbox"/>
33	JUN REKIMOTO, et al., "Augmented Surfaces: A Spatially Continuous Work Space for Hybrid Computing Environments," May 15-20, 1999, pages 378-385.	<input type="checkbox"/>
34	DAN R. OLSEN, JR., "Interacting with Chaos," September and October 1999, pages 42-54.	<input type="checkbox"/>
35	SCOTT ROBERTSON, et al., "Dual Device User Interface Design: PDAs and Interactive Television," April 13-18, 1996, pages 79-86.	<input type="checkbox"/>
36	SYMANTEC CORPORATION, "pcANYWHERE32 User's Guide," 1993-1997, pages 1-216.	<input type="checkbox"/>
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38	DIAMOND MULTIMEDIA SYSTEMS, INC., "Rio PMP300, User's Guide," 1998, pages 1-27.	<input type="checkbox"/>
39	SONY, "Portable MiniDisc Recorder, Operating Instructions, MZ-R55," 1998, pages 1-42.	<input type="checkbox"/>

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41	NORBERT A. STREITZ, et al., "Roomware for Cooperative Buildings: Integrated Design of Architectural Spaces and Information Spaces," pages 1-20	<input type="checkbox"/>
42	Direct Cable Connection screen shot, "B1U6U4," 10 pages total.	<input type="checkbox"/>
43	Direct Cable Connection screen shot, 10 pages total.	<input type="checkbox"/>
44	IBM, "WordPad z50 Cradle Option - User's Guide," 1990, pages 1-18.	<input type="checkbox"/>
45	IBM MOBILE SYSTEMS, "WorkPad z50 Mobile.Companion (2608-1Ax), Hardware Maintenance Manual," March 1999, pages 1-77.	<input type="checkbox"/>
46	KEVIN JOST, Automotive Engineering International, "The car as a mobile-media platform," May 1998, pages 49-53.	<input type="checkbox"/>
47	MICROSOFT CORPORATION, "Windows CE 2.1 Technical Articles, Developing Applications for an Auto PC," June 1999, pages 1-13.	<input type="checkbox"/>
48	INFOGATION CORPORATION, "InfoGation Corp. Introduces Software Applications for Next-Generation Smart Car Systems," January 8, 1998, pages 1-2.	<input type="checkbox"/>
49	BUSINESS WIRE, "ORA Electronics Announces USB-Compatible TelCar Mark VII Begins Shipping First Quarter of 1999," January 6, 1999, pages 1-2.	<input type="checkbox"/>
50	ORA USA, "ORA Electronics Patents Telcar Cellular Telephone Interface," July 6, 1998, pages 1-2.	<input type="checkbox"/>

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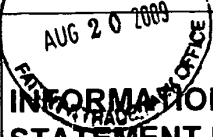
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	1	WO 00/79372 A1	WO		2000-12-28	Colvin, David S.		<input type="checkbox"/>

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1	HEWLETT PACKARD, "HP Jornada 430/430se Palm-Size PC, User's Guide," Edition 1, 1999, pages 1-151.	<input type="checkbox"/>
2	NEC, "NEC MobilePro 750C, User's Guide," 1998, pages 1-83.	<input type="checkbox"/>
3	MICROSOFT, "Palm PC User's Guide," Microsoft Windows CE, pages 1-39.	<input type="checkbox"/>
4	PALM PC USER'S GUIDE, "Chapter 6, Information Backup and Exchange," pages 69-148	<input type="checkbox"/>
5	MPMan, "User's Guide, The Portable MP 3player using the flash memory and SmartMedia card," 1997, pages 1-35.	<input type="checkbox"/>
6	Cover Sheet, www.mpman.com, 1 page.	<input type="checkbox"/>
7	Smart Media Card Slot Diagram, 1 page.	<input type="checkbox"/>
8	MP Man F20 Logo, 1 page.	<input type="checkbox"/>
9	MPMan, "User's Guide, The portable MP3 player using the flash memory with variety features including the voice recording, phone/memo browsing, etc.," 1997, pages 1-47.	<input type="checkbox"/>
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11	ANAND LAL SHIMPI, Empeg, Ltd., "MP3 meets Car Audio: Empeg Mark II in-dash Car MP3 Player," September 18, 2000, pages 1-17.	<input type="checkbox"/>

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13	RIO CAR DOT ORG GEEK GUIDE, "empeg car Mk. 1," February 21, pages 1-4.	<input type="checkbox"/>
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18	"The MP3 Mobile," April 8, 1998, pages 1-13.	<input type="checkbox"/>
19	12-Volt Business & Technology Solutions, AutoMedia, "How the Intelligent Data Bus will impact the way you do business," November 1998, pages 1-2.	<input type="checkbox"/>
20	Press Release, "Creative Labs Launches Nomad Portable MP3 Players," April 15, 1999, pages 1-5.	<input type="checkbox"/>
21	BMW, "Betriebsanleitung Bordmonitor mit Navigation und TV," 1995, pages 1-82.	<input type="checkbox"/>
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25	Pictures of car navigation systems in a car dashboard, pages 1-11.	<input type="checkbox"/>
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37	CRAIN COMMUNIATIONS, INC., "Products," Agilent Technologies Press Release, February 21, 2000, pages 1-6.	<input type="checkbox"/>
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5	DE 44 31 070 B4	DE		2004-07-22	DaimlerChrysler AG	<input type="checkbox"/>
6	0 569 343 A1	EP		1993-10-11	Pioneer Electronic Corporation	<input type="checkbox"/>
7	0 675 341 A1	EP		1995-04-10	Honda Giken Kogyo	<input type="checkbox"/>
8	0 771 686 A2	EP		1997-07-05	Toyota Jidosha Kabushiki Kaisha Toyota-shi, Aichi-	<input type="checkbox"/>
9	H4-261576	JP		1992-09-17	Mitsubishi Electric Corporation	<input type="checkbox"/>
10	2-301330	JP		1990-12-13		<input type="checkbox"/>
11	5-294250	JP		1993-11-09		<input type="checkbox"/>
12	6-187597	JP		1994-07-08		<input type="checkbox"/>
13	JP6289118	JP		1994-10-18	Sega Enterprises KK	<input type="checkbox"/>
14	JP6294659	JP		1994-10-21	Dainippon Printing Co. LTD.	<input type="checkbox"/>

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15	07-129895	JP		1995-05-19	Honda Motor Co Ltd	<input type="checkbox"/>
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17	7-262493	JP		1995-10-13	CSK Corporation	<input type="checkbox"/>
18	7-262493	JP		1995-10-13		<input type="checkbox"/>
19	JP7270171	JP		1995-10-20	Sumitomo Electronic Industries	<input type="checkbox"/>
20	JP7036382	JP		1995-02-07	Mitsubishi Electric Corp.	<input type="checkbox"/>
21	8-110231	JP		1996-04-30		<input type="checkbox"/>
22	9-61514	JP		1997-03-07		<input type="checkbox"/>
23	10-103966	JP		1998-04-24		<input type="checkbox"/>
24	10-143349	JP		1998-05-29	Compaq Computer Corporation	<input type="checkbox"/>
25	JP1018712	JP		1989-01-23	Mazda Motor	<input type="checkbox"/>

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26	JP5077679	JP		1993-03-30	Nissan Motor		<input type="checkbox"/>
27	JP59085599	JP		1984-05-17	Nissan Motor		<input type="checkbox"/>
28	JP63136828	JP		1988-06-09	Pioneer Electronic Corp.		<input type="checkbox"/>
29	63-136828	JP		1988-06-09			<input type="checkbox"/>
30	WO 96/04724	WO		1996-02-15	Emerson, Harry		<input type="checkbox"/>
31	WO 96/07110	WO		1996-03-07	British Telecommunications Public Limited Company		<input type="checkbox"/>
32	WO 97/13657	WO		1997-04-17	United Technologies Automotive, Inc.		<input type="checkbox"/>
33	H11-317061	JP		1999-11-16	Victor Company of Japan, LTD.		<input checked="" type="checkbox"/>
34	2901445	JP		1999-03-19	Kenwood Corporation		<input checked="" type="checkbox"/>
35	WO 99/35009	WO		1999-07-15	Microsoft Corporation		<input type="checkbox"/>
36	11-219580	JP		1999-08-10			<input type="checkbox"/>

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37	11219580 A	JP		1999-10-08	Sony Corp	<input type="checkbox"/>
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39	11-068685	JP		1999-09-03	Sony Corp	<input type="checkbox"/>
40	1998-052033	JP		1998-09-25		<input type="checkbox"/>
41	1999-0042565	JP		1999-06-15		<input type="checkbox"/>
42	1999-0073234	KR		1999-10-05	Young-Man Lee	<input type="checkbox"/>
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44	KR2019890022030U	KR		1999-06-25	Young-Shik Cheon	<input type="checkbox"/>
45	2000-0001465	KR		2000-01-25	Samsung Motors	<input type="checkbox"/>
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47	WO 98/21672	WO		1998-05-22	Inergy Online, Inc.	<input type="checkbox"/>

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48	WO 98/47252	WO		1998-10-22	Stern, Geoffrey	<input type="checkbox"/>
49	WO 00/54187	WO		2000-09-14	Rock.Com, Inc.	<input type="checkbox"/>
50	WO 00/60450	WO		2000-10-12	Khyber Technologies Corporation	<input type="checkbox"/>

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46	KEVIN JOST, Automotive Engineering International, "The car as a mobile-media platform," May 1998, pages 49-53.	<input type="checkbox"/>
47	MICROSOFT CORPORATION, "Windows CE 2.1 Technical Articles, Developing Applications for an Auto PC," June 1999, pages 1-13.	<input type="checkbox"/>
48	INFOGATION CORPORATION, "InfoGation Corp. Introduces Software Applications for Next-Generation Smart Car Systems," January 8, 1998, pages 1-2.	<input type="checkbox"/>
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1	HEWLETT PACKARD, "HP Jornada 430/430se Palm-Size PC, User's Guide," Edition 1, 1999, pages 1-151.	<input type="checkbox"/>
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3	MICROSOFT, "Palm PC User's Guide," Microsoft Windows CE, pages 1-39.	<input type="checkbox"/>
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5	MPMan, "User's Guide, The Portable MP 3player using the flash memory and SmartMedia card," 1997, pages 1-35.	<input type="checkbox"/>
6	Cover Sheet, www.mpman.com, 1 page.	<input type="checkbox"/>
7	Smart Media Card Slot Diagram, 1 page.	<input type="checkbox"/>
8	MP Man F20 Logo, 1 page.	<input type="checkbox"/>
9	MPMan, "User's Guide, The portable MP3 player using the flash memory with variety features including the voice recording, phone/memo browsing, etc.," 1997, pages 1-47.	<input type="checkbox"/>
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12	PETER CLARKE, EE Times, "Engineers drive craze for MP3 audio players," February 5, 1999, pages 1-4.	<input type="checkbox"/>
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17	STEPHEN J. BUCKLEY, et al., "The Car as a Peripheral, Adapting a Portable Computer to a Vehicle Intranet," SAE Technical Paper Series, 98C030, October 19-21, 1998, pages 1-14.	<input type="checkbox"/>
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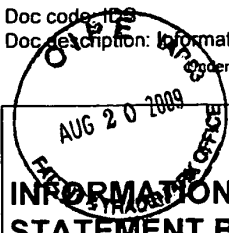
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4	H11-242686	JP		1999-09-07	Sony Corporation		<input type="checkbox"/>
5	DE 44 31 070 B4	DE		2004-07-22	DaimlerChrysler AG		<input type="checkbox"/>
6	0 569 343 A1	EP		1993-10-11	Pioneer Electronic Corporation		<input type="checkbox"/>
7	0 675 341 A1	EP		1995-04-10	Honda Giken-Kogyo		<input type="checkbox"/>
8	0 771 686 A2	EP		1997-07-05	Toyota Jidosha Kabushiki Kaisha Toyota-shi, Aichi-		<input type="checkbox"/>
9	H4-261576	JP		1992-09-17	Mitsubishi Electric Corporation		<input type="checkbox"/>
10	2-301330	JP		1990-12-13			<input type="checkbox"/>
11	5-294250	JP		1993-11-09			<input type="checkbox"/>
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13	JP6289118	JP		1994-10-18	Sega Enterprises KK		<input type="checkbox"/>
14	JP6294659	JP		1994-10-21	Dainippon Printing Co. LTD.		<input type="checkbox"/>

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15	07-129895	JP		1995-05-19	Honda Motor Co Ltd	<input type="checkbox"/>
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17	7-262493	JP		1995-10-13	CSK Corporation	<input type="checkbox"/>
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19	JP7270171	JP		1995-10-20	Sumitomo Electronic Industries	<input type="checkbox"/>
20	JP7036382	JP		1995-02-07	Mitsubishi Electric Corp.	<input type="checkbox"/>
21	8-110231	JP		1996-04-30		<input type="checkbox"/>
22	9-61514	JP		1997-03-07		<input type="checkbox"/>
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24	10-143349	JP		1998-05-29	Compaq Computer Corporation	<input type="checkbox"/>
25	JP1018712	JP		1989-01-23	Mazda Motor	<input type="checkbox"/>

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26	JP5077679	JP		1993-03-30	Nissan Motor		<input type="checkbox"/>
27	JP59085599	JP		1984-05-17	Nissan Motor		<input type="checkbox"/>
28	JP63136828	JP		1988-06-09	Pioneer Electronic Corp.		<input type="checkbox"/>
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30	WO 96/04724	WO		1996-02-15	Emerson, Harry		<input type="checkbox"/>
31	WO 96/07110	WO		1996-03-07	British Telecommunications Public Limited Company		<input type="checkbox"/>
32	WO 97/13657	WO		1997-04-17	United Technologies Automotive, Inc.		<input type="checkbox"/>
33	H11-317061	JP		1999-11-16	Victor Company of Japan, LTD.		<input checked="" type="checkbox"/>
34	2901445	JP		1999-03-19	Kenwood Corporation		<input checked="" type="checkbox"/>
35	WO 99/35009	WO		1999-07-15	Microsoft Corporation		<input type="checkbox"/>
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37	11219580 A	JP		1999-10-08	Sony Corp	<input type="checkbox"/>
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45	2000-0001465	KR		2000-01-25	Samsung Motors	<input type="checkbox"/>
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47	WO 98/21672	WO		1998-05-22	Inergy Online, Inc.	<input type="checkbox"/>

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48	WO 98/47252	WO		1998-10-22	Stern, Geoffrey	<input type="checkbox"/>
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41	NORBERT A. STREITZ, et al., "Roomware for Cooperative Buildings: Integrated Design of Architectural Spaces and Information Spaces," pages 1-20	<input type="checkbox"/>
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46	KEVIN JOST, Automotive Engineering International, "The car as a mobile-media platform," May 1998, pages 49-53.	<input type="checkbox"/>
47	MICROSOFT CORPORATION, "Windows CE 2.1 Technical Articles, Developing Applications for an Auto PC," June 1999, pages 1-13.	<input type="checkbox"/>
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	Filing Date	2008-01-16
	First Named Inventor	Russell W. White, et al.
	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.004C5US

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	1	WO 00/79372 A1	WO		2000-12-28	Colvin, David S.		<input type="checkbox"/>
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1	HEWLETT PACKARD, "HP Jornada 430/430se Palm-Size PC, User's Guide," Edition 1, 1999, pages 1-151.	<input type="checkbox"/>
2	NEC, "NEC MobilePro 750C, User's Guide," 1998, pages 1-83.	<input type="checkbox"/>
3	MICROSOFT, "Palm PC User's Guide," Microsoft Windows CE, pages 1-39.	<input type="checkbox"/>
4	PALM PC USER'S GUIDE, "Chapter 6, Information Backup and Exchange," pages 69-148	<input type="checkbox"/>
5	MPMan, "User's Guide, The Portable MP 3player using the flash memory and SmartMedia card," 1997, pages 1-35.	<input type="checkbox"/>
6	Cover Sheet, www.mpman.com, 1 page.	<input type="checkbox"/>
7	Smart Media Card Slot Diagram, 1 page.	<input type="checkbox"/>
8	MP Man F20 Logo, 1 page.	<input type="checkbox"/>
9	MPMan, "User's Guide, The portable MP3 player using the flash memory with variety features including the voice recording, phone/memo browsing, etc.," 1997, pages 1-47.	<input type="checkbox"/>
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11	ANAND LAL SHIMPI, Empeg, Ltd., "MP3 meets Car Audio: Empeg Mark II in-dash Car MP3 Player," September 18, 2000, pages 1-17.	<input type="checkbox"/>

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12	PETER CLARKE, EE Times, "Engineers drive craze for MP3 audio players," February 5, 1999, pages 1-4.	<input type="checkbox"/>
13	RIO CAR DOT ORG GEEK GUIDE, "empeg car Mk. 1," February 21, pages 1-4.	<input type="checkbox"/>
14	HUGO FIENNES, RIO CAR DOT ORG GEEK GUIDE, "MP3 Mobile," February 21, pages 1-4.	<input type="checkbox"/>
15	RIO CAR DOT ORG, "Frequently Asked Questions," pages 1-16.	<input type="checkbox"/>
16	DIAMOND MULTIMEDIA SYSTEMS, INC., "Rio PMP300 User's Guide," 1998, pages 1-27.	<input type="checkbox"/>
17	STEPHEN J. BUCKLEY, et al., "The Car as a Peripheral, Adapting a Portable Computer to a Vehicle Intranet," SAE Technical Paper Series, 98C030, October 19-21, 1998, pages 1-14.	<input type="checkbox"/>
18	"The MP3 Mobile," April 8, 1998, pages 1-13.	<input type="checkbox"/>
19	12-Volt Business & Technology Solutions, AutoMedia, "How the Intelligent Data Bus will impact the way you do business," November 1998, pages 1-2.	<input type="checkbox"/>
20	Press Release, "Creative Labs Launches Nomad Portable MP3 Players," April 15, 1999, pages 1-5.	<input type="checkbox"/>
21	BMW, "Betriebsanleitung Bordmonitor mit Navigation und TV," 1995, pages 1-82.	<input type="checkbox"/>
22	BMW, "Owner's Manual, On-board monitor with navigation system," 1996, pages 1-81.	<input type="checkbox"/>

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23	TRANSPERFECT/TRANSLATIONS, "True and accurate translation of the 1995 BMW Manual, from German into English," August 16, 2005, pages 1-80.	<input type="checkbox"/>
24	HEINZ SODEIKAT, "EURO-SCOUT is facing the German 1994 Market," 1994, pages 551-556.	<input type="checkbox"/>
25	Pictures of car navigation systems in a car dashboard, pages 1-11.	<input type="checkbox"/>
26	BMW, "The BMW On-Board Navigation System - Technology Takes a Remarkable Turn," 2005, pages 1-9.	<input type="checkbox"/>
27	OLDSMOBILE, "1991 Toronado/Trofeo User's Guide," 1991, pages 1-41.	<input type="checkbox"/>
28	YEPP, "Digital Sounds - yepp - YP-E32/E64102-291," October 23, 1999, pages 1-46	<input type="checkbox"/>
29		<input type="checkbox"/>
30	U.S. Provisional Application No. 60/167179, entitled "System, Method, And Device for Playing Recorded Music on a Wireless Communications Device," by Devon A. Rolf, filed November 23, 1999, pages 1-48.	<input type="checkbox"/>
31	MICROSOFT, "Getting Started, Microsoft Windows 98, For distribution with a new PC only," 1998, pages 1-145.	<input type="checkbox"/>
32	PR NEWSWIRE, "Alpine Announces Fall Release of Interface Adapter That Enables iPod Control and Playback from In-Vehicle Sound Systems," July 7, 2004, pages 1-2..	<input type="checkbox"/>
33	HA-YOUNG PARK, The Customer Times, "Portable Computer Music, MP3 File and MP3 Player rise as the Next Generation Audio Format," May 1999, pages 1-2.	<input type="checkbox"/>

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34	"MP3 Players Introduced in the Korean IT Magazines," 1998-1999, pages 1-15.	<input type="checkbox"/>
35	MPMan, "MP-F20, User's Guide, Portable MP3 player using the flash memory and a Memory card," [ages 1-16.	<input type="checkbox"/>
36	PR NEWSWIRE ASSOCIATION, INC., "Delphi's Communiport(R) Technology for Tomorrow, Today Demonstrated at Frankfurt Auto Show," September 15, 1999, pages 1-8.	<input type="checkbox"/>
37	CRAIN COMMUNIATIONS, INC., "Products," Agilent Technologies Press Release, February 21, 2000, pages 1-6.	<input type="checkbox"/>
38	THE WASHINGTON TIMES, LLC, John Hanan, Dallas Morning News, "Cars add computer, audiovisual gear," January 14, 2000, pages 1-3.	<input type="checkbox"/>

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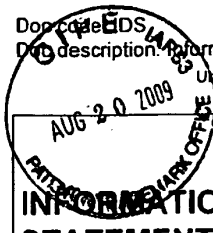
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	3	CN 1218258A	CN		1999-06-02			<input type="checkbox"/>

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4	H11-242686	JP		1999-09-07	Sony Corporation	<input type="checkbox"/>
5	DE 44 31 070 B4	DE		2004-07-22	DaimlerChrysler AG	<input type="checkbox"/>
6	0 569 343 A1	EP		1993-10-11	Pioneer Electronic Corporation	<input type="checkbox"/>
7	0 675 341 A1	EP		1995-04-10	Honda Giken Kogyo	<input type="checkbox"/>
8	0 771 686 A2	EP		1997-07-05	Toyota Jidosha Kabushiki Kaisha Toyota-shi, Aichi-	<input type="checkbox"/>
9	H4-261576	JP		1992-09-17	Mitsubishi Electric Corporation	<input type="checkbox"/>
10	2-301330	JP		1990-12-13		<input type="checkbox"/>
11	5-294250	JP		1993-11-09		<input type="checkbox"/>
12	6-187597	JP		1994-07-08		<input type="checkbox"/>
13	JP6289118	JP		1994-10-18	Sega Enterprises KK	<input type="checkbox"/>
14	JP6294659	JP		1994-10-21	Dainippon Printing Co. LTD.	<input type="checkbox"/>

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15	07-129895	JP		1995-05-19	Honda Motor Co Ltd	<input type="checkbox"/>
16	07-146155	JP		1995-06-06	Honda Motor Co Ltd	<input type="checkbox"/>
17	7-262493	JP		1995-10-13	CSK Corporation	<input type="checkbox"/>
18	7-262493	JP		1995-10-13		<input type="checkbox"/>
19	JP7270171	JP		1995-10-20	Sumitomo Electronic Industries	<input type="checkbox"/>
20	JP7036382	JP		1995-02-07	Mitsubishi Electric Corp.	<input type="checkbox"/>
21	8-110231	JP		1996-04-30		<input type="checkbox"/>
22	9-61514	JP		1997-03-07		<input type="checkbox"/>
23	10-103966	JP		1998-04-24		<input type="checkbox"/>
24	10-143349	JP		1998-05-29	Compaq Computer Corporation	<input type="checkbox"/>
25	JP1018712	JP		1989-01-23	Mazda Motor	<input type="checkbox"/>

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26	JP5077679	JP		1993-03-30	Nissan Motor		<input type="checkbox"/>
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28	JP63136828	JP		1988-06-09	Pioneer Electronic Corp.		<input type="checkbox"/>
29	63-136828	JP		1988-06-09			<input type="checkbox"/>
30	WO 96/04724	WO		1996-02-15	Emerson, Harry		<input type="checkbox"/>
31	WO 96/07110	WO		1996-03-07	British Telecommunications Public Limited Company		<input type="checkbox"/>
32	WO 97/13657	WO		1997-04-17	United Technologies Automotive, Inc.		<input type="checkbox"/>
33	H11-317061	JP		1999-11-16	Victor Company of Japan, LTD.		<input checked="" type="checkbox"/>
34	2901445	JP		1999-03-19	Kenwood Corporation		<input checked="" type="checkbox"/>
35	WO 99/35009	WO		1999-07-15	Microsoft Corporation		<input type="checkbox"/>
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37	11219580 A	JP		1999-10-08	Sony Corp	<input type="checkbox"/>
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41	1999-0042565	JP		1999-06-15		<input type="checkbox"/>
42	1999-0073234	KR		1999-10-05	Young-Man Lee	<input type="checkbox"/>
43	1999-0048723	KR		1999-07-05		<input type="checkbox"/>
44	KR2019990022030U	KR		1999-06-25	Young-Shik Cheon	<input type="checkbox"/>
45	2000-0001465	KR		2000-01-25	Samsung Motors	<input type="checkbox"/>
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47	WO 98/21672	WO		1998-05-22	Inergy Online, Inc.	<input type="checkbox"/>

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48	WO 98/47252	WO		1998-10-22	Stern, Geoffrey	<input type="checkbox"/>
49	WO 00/54187	WO		2000-09-14	Rock.Com, Inc.	<input type="checkbox"/>
50	WO 00/60450	WO		2000-10-12	Khyber Technologies Corporation	<input type="checkbox"/>

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	3	Claim Chart for KR19990033393, Claim 17 of U.S. Patent No. 7,324,833, pages 1-3.	<input type="checkbox"/>
	4	RIO500, Getting Started Guide for Windows 98 and Macintosh OS 8.6, pages 1-2.	<input type="checkbox"/>
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7	H.S. JUN GIBEE, "A Virtual Information Desk On The Internet," University of Ulsan, September 1999, pages 265-268.	<input type="checkbox"/>
8	STEVE WHITTAKER, et al., "TeleNotes: Managing Lightweight Interactions in the Desktop," Lotus Development Corporation, June 1997, pages 137-168.	<input type="checkbox"/>
9	R.M. CROWDER, et al., "Integration of Manufacturing Information Using Open Hypermedia," Computer in Industry, 1999, pages 31-42.	<input type="checkbox"/>
10	TOMAS BOSTROM, et al., "Mobile Audio Distribution," Royal Institute of Technology, 1999, pages 166-172.	<input type="checkbox"/>
11	ALEX POON, et al., Xerox Disclosure Journal, Vol. 19, No. 2, "Gestural User Interface Technique for Controlling the Playback of Sequential Media," March/April 1994, pages 187-190.	<input type="checkbox"/>
12	DEB KUMAR ROY, "NewsComm: A Hand-Held Device For Interactive Access to Structured Audio," Massachusetts Institute of Technology, June 1995, pages 1-12.	<input type="checkbox"/>
13	VICTORIA BELLOTTI, et al., "Walking Away from the Desktop Computer: Distributed Collaboration and Mobility in a Product Design Team," 1996, pages 209-218.	<input type="checkbox"/>
14	UPUL OBEYSEKARE, et al., "The Visual Interactive Desktop Laboratory," January-March 1997, pages 63-71.	<input type="checkbox"/>
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18	JEFFREY A. DAVIS, "Use of Personal Computers in Satellite Command and Control Systems," Raytheon Systems Company, October 24, 1999, pages 283-291.	<input type="checkbox"/>
19	NIKI DAVIS, "Remote Teaching Via ISDN2 And Desktop Conferencing," Exeter University School of Education, pages 1-3.	<input type="checkbox"/>
20	A CHAN, et al., "The PEP-II Project-Wide Database," Stanford University, 1996, pages 840-842.	<input type="checkbox"/>
21	KRISHNA BHARAT, et al., "Migratory Applications," Springer Berlin, Vol. 1222, 1997, pages 1-21.	<input type="checkbox"/>
22	EMPEG CAR, "MP3 in your dash," Digital Audio Player User Guide, pages 1-50.	<input type="checkbox"/>
23	MICROSOFT, "Getting Started Microsoft. Windows. 98" Second Edition, 1998, pages 1-138.	<input type="checkbox"/>
24	SAUL GREENBERG, "PDAs and Shared Public Displays: Making Personal Information Public, and Public Information Personal," University of Calgary, March 1999, pages 1-11.	<input type="checkbox"/>
25	NAOHIKO KOHTAKE, et al., "InfoStick: an interaction device for Inter-Appliance Computing," Keio University, pages 1-15.	<input type="checkbox"/>
26	HEWLETT PACKARD, User's Guide, HP Jomada 420, Palm-Size PC, pages 1-75	<input type="checkbox"/>
27	MICROSOFT, "Introducing Microsoft Windows 95 - Certificate of Authenticity," 1995, pages 1-117.	<input type="checkbox"/>
28	SONY, "New Technical Theory For Servicing, MZ-R5ST Operation Manual," pages 1-44.	<input type="checkbox"/>

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29	RICHARD C. DAVIS, et al., "A Framework for Sharing Handwritten Notes," 1998, pages 119-120.	<input type="checkbox"/>
30	KRISHNA A. BHARAT, et al., "Migratory Applications," UIST '95, November 14-17, 1995, pages 133-142.	<input type="checkbox"/>
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33	JUN REKIMOTO, et al., "Augmented Surfaces: A Spatially Continuous Work Space for Hybrid Computing Environments," May 15-20, 1999, pages 378-385.	<input type="checkbox"/>
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36	SYMANTEC CORPORATION, "pcANYWHERE32 User's Guide," 1993-1997, pages 1-216.	<input type="checkbox"/>
37	KRISHNA BHARAT, et al., Migratory Applications, "Mobile Object Systems Towards the Programmable Internet," Springer Berlin/Heidelberg, Volume 1222/11997, 1997, pages 1-134.	<input type="checkbox"/>
38	DIAMOND MULTIMEDIA SYSTEMS, INC., "Rio PMP300, User's Guide," 1998, pages 1-27.	<input type="checkbox"/>
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41	NORBERT A. STREITZ, et al., "Roomware for Cooperative Buildings: Integrated Design of Architectural Spaces and Information Spaces," pages 1-20	<input type="checkbox"/>
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43	Direct Cable Connection screen shot, 10 pages total.	<input type="checkbox"/>
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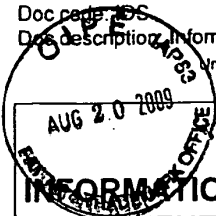
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	1	WO 00/79372 A1	WO		2000-12-28	Colvin, David S.		<input type="checkbox"/>

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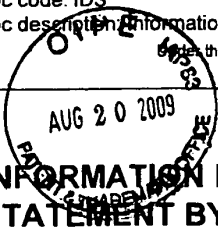
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