

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5254016
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	21906
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	AFF.0004C5US
<b>Receipt Date:</b>	30-APR-2009
<b>Filing Date:</b>	16-JAN-2008
<b>Time Stamp:</b>	16:56:20
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Amendment/Req. Reconsideration-After Non-Final Reject	AFF004C5USROA2-3-09.pdf	64847 fc34d1c62a09f2d2ebf7839a16debed62efc b10e	no	10

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**New Applications Under 35 U.S.C. 111**

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

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

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

**New International Application Filed with the USPTO as a Receiving Office**

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

Document code: WFEE

United States Patent and Trademark Office  
Sales Receipt for Accounting Date: 06/01/2009

AHOPKINS	SALE	#00000002	Mailroom Dt:	04/30/2009	201504	12015320
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<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Substitute for Form PTO-875	Application or Docket Number <b>12/015,320</b>	Filing Date <b>01/16/2008</b>	<input type="checkbox"/> To be Mailed
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APPLICATION AS FILED – PART I			OTHER THAN SMALL ENTITY				
	(Column 1)	(Column 2)	SMALL ENTITY <input checked="" type="checkbox"/>	OR			
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A			N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	N/A	N/A			N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A			N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>	minus 20 =	*	X \$ =		OR	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =			X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II					OTHER THAN SMALL ENTITY				
	(Column 1)	(Column 2)	(Column 3)		SMALL ENTITY	OR			
AMENDMENT	04/30/2009	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	* 27	Minus ** 25	= 2	X \$26 =	52	OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	* 3	Minus *** 3	= 0	X \$110 =	0	OR	X \$ =	
<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>									
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>							OR		
					TOTAL ADD'L FEE	52	OR	TOTAL ADD'L FEE	

	(Column 1)	(Column 2)	(Column 3)		SMALL ENTITY	OR		
AMENDMENT	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	*	Minus **	=	X \$ =		OR	X \$ =
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus ***	=	X \$ =		OR	X \$ =
<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>								
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>							OR	
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  
 \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".  
 \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".  
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:  
 /DENISE HOPKINS/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( 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	2618
	Examiner Name	
	Attorney Docket Number	AFF.004C5US

U.S. PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6192340		2001-02-20	Abecassis	
	2	6230322		2001-05-08	Saib, et al.	
	3	6694200		2004-02-17	Naim	
	4	6526335		2003-02-25	Treyz, et al.	
	5	6990334		2006-01-24	Ito	
	6	5307326		1994-04-26	Osawa	
	7	4905272		1990-02-27	Van de Mortel, et al.	
	8	6629000		2003-09-30	Moon, et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
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Attorney Docket Number	AFF.004C5US

**U.S.PATENT APPLICATION PUBLICATIONS**

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20040151327		2004-08-05	Marlow	
	2	20050049002		2005-03-03	White, et al.	
	3	20050054379		2005-03-10	Cao, et al.	
	4	20050096018		2005-03-05	White, et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1	CN 1218258 A	CN		1999-06-02			<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

**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 <sup>5</sup>
	1	Affinity Labs of Texas, LLC, Plaintiff, v. BMW North America, LLC. et al, Defendants, Case No. 9:08-cv-00164-RC, Defendant Volkswagen Group of America, Inc's Invalidity Contentions, Pages 1-346.	<input type="checkbox"/>

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

Application Number		12015320
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First Named Inventor	Russell W. White, et al.	
Art Unit	2618	
Examiner Name		
Attorney Docket Number	AFF.004C5US	

2	Affinity Labs of Texas, LLC, Plaintiff, v. Dice Electronics, LLC., Defendants, Case No. 9:08-cv-00163-RC; Affinity Labs of Texas, LLC, Plaintiff, v. Hyundai Motor America, et al., Defendants, Case No. 9:08-cv-00164-RC; Affinity Labs of Texas, LLC, Plaintiff, v. JVC Americas Corp., Kenwood USA Corporation, Defendants, Case No. 9:08-cv-00171-RC, Defendant's Joint Invalidity Contentions and Production of Documents Pursuant To Patent Rules 3-3 and 3-4(b), Pages 1-23 and Exhibits A, B1-B34, C and D.	<input type="checkbox"/>
3	U.S. Patent And Trademark Office, Issue Notification in patent application serial no. 10/947,754, 1 page.	<input type="checkbox"/>
4	R. LIND, et al. "The Network Vehicle - A Glimpse into the Future of Mobile Multi-Media," September 1999, Pages 27-32.	<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	
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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.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

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STATEMENT BY APPLICANT**  
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Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.004C5US

**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)	2009-04-28
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.**

# [12] 发明专利申请公开说明书

[21] 申请号 98114958.8

[43]公开日 1999年6月2日

[11]公开号 CN 1218258A

[22]申请日 98.4.20 [21]申请号 98114958.8

[30]优先权

[32]97.11.24 [33]KR [31]62315/97

[71]申请人 世韩情报系统株式会社

地址 韩国汉城

共同申请人 数字网株式会社

[72]发明人 文光洙 黄鼎夏

[74]专利代理机构 柳沈知识产权律师事务所

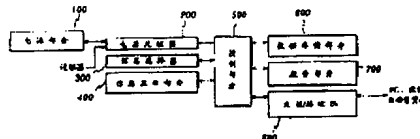
代理人 马莹

权利要求书 4 页 说明书 9 页 附图页数 6 页

[54]发明名称 运动图像专家组便携式放音系统及其再现方法

[57]摘要

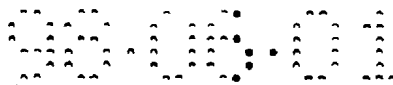
一种 MPEG 便携式放音系统及其再现方法。该系统包括:电源装置,提供工作电源;电源处理装置,对电源整流以稳定电压和电流;信息显示装置,显示与系统相关的数和字母组合;控制装置,控制声音数据的转换和再现;数据存储装置,把压缩的声音数据存储在指定的地址;信息选择装置,再现、下载和提供存储的选择的声音数据;放音装置,把声音数据转换成用户可听格式;和发送/接收装置,发送和接收来自外部装置的声音和节目数据。



ISSN 1008-4274

# 权利要求书

1. 一种 MPEG 便携式收音系统, 包括:
  - 电源装置, 用于给该系统提供工作电源, 该电源装置由蓄电池来构成;
  - 5 电源处理装置, 用于对由电源装置提供的电源进行整流以便稳定电压和电流;
  - 信息显示装置, 用于显示与该系统的操作状态相关的数和字母组合;
  - 控制装置, 用于控制利用 MPEG 方法压缩的声音数据的转换和再现的所有操作;
- 10 数据存储装置, 用于根据由控制装置输出的信号把利用 MPEG 方法压缩的声音数据存储指定的地址;
  - 信息选择装置, 用于选择一般的操作以便再现、下载和提供在数据存储装置中存储的选择的声音数据;
  - 收音装置, 用于根据由控制装置输出的信号将在数据存储装置中存储的
  - 15 声音数据转换成对用户可听的格式; 和
  - 发送/接收装置, 用于发送和接收由外部装置来的声音数据和节目数据.
2. 根据权利要求 1 所述的收音系统, 其中当电源处理装置通过适配器接收外部电源时, 该电源处理装置给电源装置的蓄电池提供充电电流.
3. 根据权利要求 1 所述的收音系统, 其中该信息选择装置包括:
  - 20 正向开关, 用于当按下该开关小于一秒时进入到下一个选择, 并且当连续按下该开关大于一秒时它快速播放当前的选择;
  - 反向开关, 用于当按下该开关小于一秒时, 如果选择是在中间播放位置, 那么它返回到目前选择的开始位置, 或如果选择是在两个选择之间, 那么它返回到前一个选择, 并且当连续按下该开关大于一秒的预定时间时它快
  - 25 速地反向播放数据;
  - 播放/停止开关, 用于当按下该开关一次时再现数据, 并且在播放模式中, 当按下时停止播放模式, 然后关断电源;
  - 重复开关, 用于当按下该开关一次时重新播放目前选择的节目, 当按下两次时重复所有的选择, 并当连续按下该开关时它取消所有的重复命令; 和
  - 30 随机开关, 用于当按下该开关时以随机顺序随机地再现节目选择.
4. 根据权利要求 1 所述的收音系统, 其中该控制装置包括:



CPU，用于控制有关把利用 MPEG 方法存储的数字数据转换成可听格式的操作；

中断控制器，用于当输入/输出操作结束或在其中产生故障时输出控制信号以便控制 CPU；

5 电源控制器，用于输出控制信号，以便稳定由电源处理装置提供的电源以作为 CPU 的工作电源，并且当存在故障时关断电源；

键盘接口，用于连接由信息选择装置提供的键选择信号；

LCD 控制器，用于控制提供给信息显示装置的矩阵电路的电流，以便在本发明的收音系统的操作期间控制显示；

10 扩展 ROM 接口，用于与扩展 ROM 连接，该扩展 ROM 被附加以扩展节目或存储器的容量；

计时器，用于对为数据下载和再现下载的数据所需要的时间信息和操作该系统所需要的数据中断所需要的时间信息进行计数；

总线桥接控制器，用于输出控制总线的控制信号，该总线传送数据；

15 控制器，用于控制数据发送和接收的输入/输出；

闪存 ROM 控制器，用于根据由 CPU 提供的中断器控制信号来驱动闪存 ROM；

DSP 接口，用于输出控制信号，该控制信号控制利用 MPEG 方法压缩的数字声音数据的输入/输出；和

20 时钟驱动器，用于把发生器的发生器时钟处理到预定的状态并且驱动该时钟作为 CPU 的时钟信号。

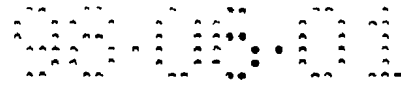
5. 根据权利要求 1 所述的收音系统，其中该数据存储装置包括：

25 RAM，该 RAM 是当切断电源时丢失数据的易失性存储元件，用于在给该系统提供电源之后正在进行再现操作的同时装入应用软件和瞬时存储该软件；和

闪存 ROM，该闪存 ROM 是当切断电源时不丢失数据的非易失性存储元件，用于存储和删除声音数据和与应用程序相关的数据以及其它数字数据。

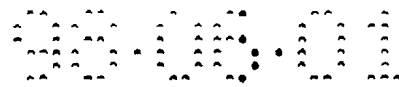
6. 根据权利要求 1 所述的收音系统，其中该收音装置包括：

30 DSP 部分，用于把利用 MPEG 方法压缩的数字声音数据处理到预定状态；和



- 音频部分，用于把由 DSP 部分输入的声音信号转换成可听的格式。
7. 一种用于 MPEG 便携式收音系统的再现方法，包括下列步骤：  
把电源提供给信息选择装置时启动该系统；  
装入主程序和完成所需软件的引导；和
- 5 根据由信息选择装置输出的信号、工作电源的状态、是否与外部电源连接和与外部电信系统连接等，如果操作环境的设置被完成，那么下载和再现存储的声音数据。
8. 根据权利要求 7 的再现方法，其中该方法还包括下列步骤：  
在 CPU 和所有电路已经被启动之后，检测在主程序中是否存在误差；
- 10 和  
如果检测到主程序处于正常状态，那么运行主程序和完成所需软件的引导，如果在主程序中检测到误差，那么输出误差信号并且停止进一步的运行。
9. 根据权利要求 7 所述的再现方法，其中该方法还包括下列步骤：  
当检测到键信号是由信息选择装置输入时，确定键信号是否是电源关断
- 15 信号；  
如果键信号不是电源关断信号，那么确定该键信号是否是声音数据再现信号；  
如果键信号不是声音数据再现信号，那么确定该键信号是否是正向信号；
- 20 如果键信号不是正向信号，那么确定该键信号是否是反向信号；  
如果该键信号不是反向信号，那么确定该键信号是否是停止信号；  
如果该键信号不是停止信号，那么确定该键信号是否是重复信号；  
如果该键信号不是重复信号，那么确定该键信号是否是随机信号；和  
进行与检测信号对应的操作。
- 25 10. 根据权利要求 7 所述的再现方法，其中该方法还包括下列步骤：  
如果确定电源装置的工作电源是在低电源状态，那么把检测到的电源与预定标准值相比较；  
如果确定检测的电源太低以致不能进行该系统的操作，那么显示警告消息、存储当前数据、并且关断电源；和
- 30 如果确定检测到的电源足以使该系统继续操作，那么显示指示该系统充电的消息。





11. 根据权利要求 7 所述的再现方法, 该方法还包括下列步骤:  
当确定正在由外部电源提供电源时, 利用由该外部电源提供的电源进行声音数据的再现操作; 和  
确定电源装置的电源状态并且进行充电操作。
- 5 12. 根据权利要求 7 所述的再现方法, 该方法还包括下列步骤:  
当检测到再现信号是来自信息选择装置时, 显示已选择的语音数据选择的信息和当前正在播放的节目选择的信息。
- 10 13. 根据权利要求 7 所述的再现方法, 该方法还包括下列步骤:  
检索从外部电信系统接收的数据并且确定在该数据中是否存在误差;  
如果检测到在该数据中存在误差, 那么请求重新发送数据; 和  
如果检测到在该数据中没有误差, 那么在该数据的接收被完成之后在指定的地址中存储接收的数据。

运动图像专家组便携式  
放音系统及其再现方法

5

本发明涉及一种便携式放音系统和方法，尤其涉及一种便携式放音系统及其再现方法，其中利用运动图像专家组(MPEG)方法压缩的并且在存储装置中存储的声音数据被转换成一种可听格式并且通过耳机、扬声器等输出。

通常，处理成待听和待看的数据被存储在存储介质中，然后通过再现装置输出。最普通的例子包括在磁带上存储的模拟数据，该磁带通过盒式播放机来播放，和在光盘上存储的数字数据，该光盘通过光盘播放机来播放。

近来在数字技术领域的发展已经使在个人计算机中使用的存储介质得到了很大改进。也就是说，用在 PC 中的存储介质明显地变轻和变小，为用户提供了更大的存储容量。

15 然而，随着为了运行操作系统和应用软件所需要的存储容量的增加，怎样能够更有效地利用存储介质受到了限制。为了补救这个问题，设计了各种方法以便能够有效地利用数字数据。MPEG 标准是这些方法中的一个方法，它通过压缩存储在存储介质中的数据来增加存储介质的存储容量。

也就是说，利用压缩数据的 MPEG 方法把数据大约压缩到其原始规模的十二分之一而不损害声音或图像质量。在为了该目的利用软件或硬件压缩数据之后，把该数据存储到存储介质中，然后利用 MPEG 方法把该数据转换到它的原始状态，以致于该数据以由用户能够听到或看到的格式被再现。因此，MPEG 方法大大地增加了数据存储容量。

25 虽然所有传统的再现系统，例如磁带播放机、光盘播放机和 PC 等，具有再现 MPEG 压缩的数据的能力，但是用户遇到了许多麻烦。

具体地讲，在利用能够再现存储在磁带上的数据的盒式播放机时，由于存储(记录)数据所需要的时间与再现该数据的时间是相同的，所以存储过程是费时间的，并且在存储过程期间产生的热起损害记录质量的作用，以致于放音质量被降低。此外，由于磁带容易被损坏，所以在盒式带上存储的数据的重复播放也起着降低声音质量的作用。

光盘播放机和其中使用的光盘也具有许多问题。即，在光盘上不能记

录。此外，由于 CD 机的机械易坏性，所以当 CD 机即使受到轻微的外部振动时也能够产生再现故障。最后，由于在该装置中的机械部件经常超过一定的时间就损坏，所以 CD 机具有有限的使用寿命。

5 在盒式带中和 CD 机使用的存储介质也具有占据很大空间的缺陷。同样，用户必须特别小心地把存储介质放置在不受热，不受阳光直照等的区域内。

在现有技术的装置方面，例如用于再现利用 MPEG 方法存储的数据的 PC，由于这些装置不是便携式的，所以用户能够接收声音和图像所在的位置被限制到该装置所在的位置。此外，当利用 PC 来再现利用 MPEG 方法压缩的数据时，使 PC 配置能够进行这种功能的软件或硬件的费用较高。同样，由于各种类型的声音数据被存储在许多存储介质中，所以用户必须购买许多类型的存储介质并且经过复杂的处理来再现在其中存储的数据。

最后，在上述所有的情况下，用户必须亲自去零售店来购买存储介质，这对用户产生了不方便。

15 本发明已经做了努力来解决上述的问题。本发明的一个目的是提供一种 MPEG 便携式放音系统及其再现方法，其把利用 MPEG 方法压缩和存储在存储芯上的声音数据再现成可听的格式。

本发明的另一个目的是提供一种 MPEG 便携式放音系统，通过把数据存储在半导体存储介质中，在记录期间该系统能够防止像在现有的盒式带播放机中那样产生的热，并且能够避免象传统的盒式带、光盘和其它存储介质那样由于暴露在热中而被损坏。

本发明的又一个目的是提供一种 MPEG 便携式放音系统，该系统能够与电信网和数据自动售货机连接，以致于各种数据能够被下载，由此，能够使用户享受到这些系统的快速、方便、多样等好处。

25 本发明的又一个目的是提供一种 MPEG 便携式放音系统，在该系统中借助于如上所述的电信网和数据自动售货机下载的数据能够由个人计算机来访问和保留。

本发明的又一个目的是提供一种 MPEG 便携式放音系统，该系统不需要像磁带播放机和光盘播放机那样的单独的存储介质，以致于能够使该装置变轻和变薄，并且不需要存储介质的物理存储空间。

30 为了实现上述目的，本发明提供一种用于再现利用 MPEG 方法压缩的声

音数据的 MPEG 便携式放音系统和方法。本发明的系统包括：电源装置，用于给该系统提供工作电源，该电源装置由蓄电池来构成；电源处理装置，用于对由电源装置提供的电源进行整流以便稳定电压和电流；信息显示装置，用于显示与该系统相关的数和字母组合；控制装置，用于控制利用 MPEG 方法压缩的声音数据的转换和再现的所有操作；数据存储装置，用于根据由控制装置输出的信号把利用 MPEG 方法压缩的声音数据存储在指定的址；信息选择装置，用于选择一般的操作以便再现、下载和提供在数据存储装置中存储的选择声音数据；放音装置，用于根据由控制装置输出的信号把在数据存储装置中存储的声音数据转换成用户可听的格式；和发送/接收装置，用于发送和接收由外部装置来的声音数据和节目数据。

15 本发明的再现方法包括下列步骤：在把电源提供给信息选择装置时启动该系统和检测闪速 ROM 的状态；如果检测到闪速 ROM 的状态是正常的，由闪速 ROM 装入主程序和完成所需软件的引导；和如果操作环境的安装被完成，那么根据由信息选择装置输出的信号、工作电源的状态、是否与外部电源连接和与外部电信系统连接，下载和再现存储的声音数据。

作为说明书一部分的附图解释了本发明的实施例，并且与说明书一起来解释本发明的原理，附图中：

图 1 是根据本发明的优选实施例的 MPEG 便携式放音系统的方框图。

图 2 是图 1 的 MPEG 便携式放音系统的详细方框图；和

20 图 3a - 3f 是用于根据本发明的优选实施例的 MPEG 便携式放音系统的再现方法的流程图。

下面参照附图来描述本发明的优选实施例。

首先参照图 1，本发明的 MPEG 便携式放音系统包括：电源部分 100、电源处理器 200、信息选择器 300、信息显示部分 400、控制部分 500、数据存储部分 600、放音部分 700 和发送/接收机 800。

利用镍-镉(Ni - CD)、镍-金属氢化物(Ni - MH)、锂离子、或锂聚合物蓄电池来实现电源部分 100，并且该电源部分 100 把化学能量转换成电能并把该电能提供给便携式放音系统。此外，利用通过适配器接收的电能对电源部分 100 进行再次充电。

30 电源处理器 200 从电源部分 100 或直接地通过适配器接收电力，并且把该电力整流成稳压电流，然后把该稳压电流作为驱动电源提供给控制部分

500。当电源处理器 200 通过适配器接收电力时，电源处理器 200 把接收到的电力提供给电源部分 100，用于对电源部分 100 进行充电。

利用由用户操作的各种预定键来执行信息选择器 300，并且信息选择器 300 根据用户的选择来输出电信号以便控制电源、分离用于再现的数据、控制与数据再现相关的各种功能、并且发送和接收数据。

具体的说，信息选择器 300 包括：正向开关，用于当按下该开关最好小于一秒的预定时间时它进入到下一个节目选择，并且当连续按下最好大于一秒的预定时间时它快速播放数据；反向开关，用于当按下该开关最好小于一秒的预定时间时，如果选择是在中间播放位置，那么它返回到目前节目选择的开始位置，或如果选择是在两个选择之间，那么它返回到前一个节目选择位置，并且当连续按下该开关最好大于一秒的预定时间时它快速地反向播放数据；播放/停止开关，用于当按下该开关一次时再现数据，并且在再现数据的情况下，当再按下一次时停止目前的播放模式，然后关断电源；重复开关，用于当按下该开关一次时它重新播放目前选择的节目，当按下两次时它重复所有的选择，当按下最好大于三秒的预定时间时它取消所有的重复命令；随机开关，用于当按下该开关时以随机顺序随机地再现节目选择。

利用 LCD(液晶显示器)来实现信息显示部分 400，并且该信息显示部分 400 显示与通过上述开关实现的各种模式相关的各种数字和字母。

控制部分 500 控制用于存储和再现利用 MPEG 方法压缩的声音信号的所有各种操作。如在图 2 中所示的，控制部分 500 包括：CPU(中心处理单元)501，用于控制与把利用 MPEG 方法存储的数字数据变换成可听格式相关的操作；中断控制器 503，用于输出控制信号，以便当输入/输出操作结束或在其中产生故障时控制 CPU 501；电源控制器 505，用于输出控制信号，以便稳定由电源处理器 200 提供的电源来作为 CPU 501 的工作电源，并且当故障存在时关断电源；键盘接口 507，用于连接由信息选择器 300 提供的键选择信号；LCD 控制器 509，用于控制提供给信息显示部分 400 的矩阵电路的电流，以便在本发明的收音系统的操作期间控制显示；扩展 ROM 接口 511，用于与扩展 ROM 连接，增加该扩展 ROM 是用于扩展节目或存储器，并且与闪速 ROM 连接；计时器 513，用于对为数据下载和再现下载的数据所需要的信息和操作该系统所需要的数据中断所需要的时间信息进行计数；总线桥接控制器 519，用于输出控制总线的控制信号，该总线传送数据；控制器

523, 用于控制发送和接收的数据的输入/输出; 闪速 ROM 控制器 527, 用于根据由 CPU 501 提供的中断器控制信号来驱动闪速 ROM 603; DSP(数字信号处理器)接口 529, 用于输出控制信号, 该控制信号控制利用 MPEG 方法压缩的数字声音数据的输入/输出; 和时钟驱动器 531, 用于把发生器 1000 的  
5 的发生器时钟处理到预定的状态并且驱动该时钟作为 CPU 501 的时钟信号。

利用中断线与 I/O 总线的结合, 把上述控制部分 500 的所有元件连接起来。

数据存储部分 600 根据从控制部分 500 来的信号存储通过发送/接收机 800 下载的并且利用 MPEG 方法压缩的声音数据。此外, 如在图 2 中所示的,  
10 利用闪速 ROM 603 来实现数据存储部分 600, 用于存储和删除声音数据和与应用软件相关的数据以及其它的数字数据, 该闪速 ROM 603 是非易失性存储元件, 即当切断电源时它不丢失数据。

放音部分 700 根据由控制部分 500 提供的信号把存储在数据存储部分 600 中的声音数据转换成一种可听的格式。如在图 2 中所示的, 放音部分 700  
15 包括: DSP 部分 701, 用于把利用 MPEG 方法压缩的数字声音数据还原成它的原始状态; 音频部分 703, 用于把由 DSP 部分 701 输入的声音信号转换成一种可听的格式; 和耳机/扬声器 705, 用于把由音频部分 703 输入的电声音信号转换成能够由用户可听的声音。

发送/接收机 800 与 PC、数据自动售货机、或其它这样的外部装置连接,  
20 并且它既可以给这些外部装置发送声音或节目数据, 也可以从这些装置接收声音或节目数据。

下面参照图 3a - 3f 来描述一种利用 MPEG 方法压缩数据的优选再现方法, 该方法用于上述结构的便携式放音系统。

首先, 如果用户按下信息选择器 300 的 ON(接通)开关以便再现和听在利用 MPEG 方法压缩的并且存储在数据存储部分 600 中的所有数字数据之中特殊的  
25 声音数据, 那么控制部分 500 的 CPU 501 通过借助于电源处理器 200 接收从电源部分 100 或适配器来的电源而进入到操作模式(S1000)。

接着, CPU 501 运行主程序和完成所需软件的引导(S1300), 然后确定通过键盘接口 507 和 MEM/IO 总线输入的信息选择器 300 的键信号是否被检测  
30 测(S1400)。

如果在步骤 S1400 中检测到键信号, 那么在步骤 S1410 中它确定是否具

有电源关断选择信号，该选择信号是由用户选择以切断由电源处理器 200 提供的电源来选择的。如果检测到电源关断信号，那么在步骤 S1415 中关断由电源处理器 200 提供的工作电源并且该系统进入到预备模式。

如果在步骤 S1410 中没有检测到电源关断信号，那么在步骤 S1420 中检测是否输入放音信号，该放音信号用于恢复和再现利用 MPEG 方法压缩的和在数据存储部分 600 的闪存 ROM 603 中存储的数据选择。

如果在步骤 S1420 中确定键信号是用于再现在数据存储部分 600 中存储的声音数据的再现键信号，那么在步骤 S1425 中 CPU 501 把选择的的声音信号借助于控制部分 500 的 DSP 接口 529 加载到放音部分 700 的 DSP 部分 701 上，然后利用操作系统软件把利用 MPEG 方法压缩的数字声音数据恢复到它的原始状态，通过放音部分 700 的音频部分 703 把该数据转换成电声音信号，和通过耳机/扬声器 705 把该电信号转换成用户可听的声音信号并且输出该信号。

在步骤 S1420 中，如果检测到的键信号不是用于再现声音信号的信号或如果该系统目前正在再现数据，那么在步骤 S1430 中检测是否已经输入正向信号。如果在步骤 S1430 中检测到正向键信号，那么 CPU 501 确定是否该正向选择信号是在小于一秒的预定时间之内被发送，如果这个判据被满足，那么进入到下一个选择并且执行再现操作，同时还确定是否该正向选择信号是在大于一秒的预定时间之内被发送，如果是，那么目前的选择被快速地再现 (S1435)。

在步骤 S1430 中，如果没有检测到正向键信号，那么在步骤 S1440 上确定反向键信号是否已被输入。如果该反向键信号已被输入，那么正在再现的目前节目选择被返回到开始，或如果是在两个选择之间，那么如果反向信号是最好在小于一秒的预定时间之内被发送，那么进入到前一首歌的选择，如果反向信号是在最好大于一秒的预定时间之内被发送，那么当前播放的节目选择被快速地反向(S1445)。

如果在步骤 S1440 中没有检测到反向信号，那么在步骤 S1450 中检测停止信号是否已经被输入。在步骤 S1450 中，如果检测到停止信号，那么利用安装程序进一步确定预定次数最好为一次的信号是否已经被输入并且当前的模式是否是播放模式，在这种情况下当前的再现操作被中断，以及在停止模式中是否再现被起。此外，在播放模式已经被中断的情况下，如果检测到

在最好大于三秒的预定时间内发送了停止信号，那么预备电源被控制到关断(S1455)。

在步骤 S1450 中，如果没有检测到停止信号，或如果检测到该系统是在播放模式，那么在步骤 S1460 中确定重复信号是否已经被输入。如果检测到  
5 重复信号，那么利用安装程序来确定输入的次数，从而当检测到信号已经被输入最好为一次的预定次数时重复当前的选择，当检测到两个信号被输入时，重复在闪速 ROM 603 的存储器中存储的所有声音信号，和当在重复操作期间检测到信号被输入时，取消任何重复的命令(S1465)。

此外，如果在步骤 S1460 中没有检测到重复信号，那么在步骤 S1470 中  
10 确定随机信号是否已经被输入。如果在这个步骤中检测到随机信号，那么在步骤 S1475 中以随机的顺序再现选择的节目，如果没有检测到随机信号，那么重复进行再现利用 MPEG 方法压缩的声音数据的操作。

在上述根据由信息选择器 300 输入的键信号正在再现由用户选择的语音信号的情况下，工作电源在电源处理器 200 中被分析，以便确定在电源部分  
15 100 中是否存在低电源状态，该低电源状态不能使再现操作被进行(S1500)。如果在步骤 S1500 中检测到电源部分 100 是在低电源状态中，那么在步骤 S1510 中确定检测的当前电压是否低于预定的基准值，该基准值将阻止声音信号的正常再现。

如上所述，如果确定电源部分 100 的电压小于预定的标准值，那么控制  
20 部分 500 借助于 MEM/IO 总线输出预定的控制信号给 LCD 控制器 509 以便显示警告。在此，LCD 控制器 509 调节提供给信息显示部分 400 的矩阵电路的电源，从而在信息显示部分 400 上显示“电源关断”的消息(S1520)。

在显示“电源关断”消息的同时，控制部分 500 的 CPU 501 给数据存储  
25 部分 600 的闪速 ROM 603 输入数据存储信号，以致于当前的状态被保留(S1530)，并且借助于 MEM/IO 总线来控制电源控制器 505 以便切断提供给电源处理器 200 的电源(S1540)。

在步骤 S1510 中，如果确定电源部分 100 的电压大于预定的标准值，该电压能够使该系统正常操作，那么控制部分 500 借助于 LCD 控制器 509 来控制信息显示部分 400，以致于“低电源”信息被显示(S1550)。

在步骤 S1500 中检查电源状态之后，控制部分 500 的 CPU 501 确定电源  
30 处理器 200 是否通过适配器与外部电源连接(S1600)。如果在步骤 S1600 中检



测到电源处理器 200 与外部电源连接,那么在步骤 S1610 中确定电源部分 100 是否被充满电。

如上所述,如果检测到电源部分 100 已被充满电,那么中断充电操作,以便防止电源部分 100 由过充电而被损坏,如果检测到电源部分 100 没有被充满电,那么确定由外部电源来的电力是否通过适配器正在供电(S1620)。此时,如果在电源部分 100 没有被充满电的状态下外部电源正在供电,那么由外部电源给电源部分 100 提供电源以便对电源部分 100 进行充电(S1630)。

在步骤 S1600 之后,即在确定是否与外部电源连接之后,在步骤 S1700 中确定声音数据是否根据用户的选择正在被再现。在这个步骤中,如果声音数据正在被再现,那么控制部分 500 的 CPU 501 分析声音数据,检查例如:数据再现时间、选择的题目、音乐的类型、用于该选择的保留播放时间等等,并且通过控制 LCD 控制器 509 由信息显示部分 400 来显示该信息(S1710)。

此外,控制部分 500 的 CPU 501 在数据存储部分 600 的闪速 ROM 603 中存取利用 MPEG 方法压缩的声音数据,并且通过 DSP 接口 529 把这个声音数据发送给放音部分 700 的 DSP 部分 701。从而,DSP 部分 701 把利用 MPEG 方法压缩的数字声音数据处理到预定的状态,并且借助于音频部分 703 把它转换成声音信号,然后通过耳机/扬声器 705 再现该声音数据,从而用户能够听到该声音(S1720)。

接着,在步骤 S1730 中确定选择的的声音数据是否已经被完全再现了。如果已经被再现完了,那么在步骤 S1740 中从闪速 ROM 603 中检索下一个选择的的声音数据,然后,在步骤 S1750 中从闪速 ROM 603 装入待再现的声音数据和做好再现该声音数据的准备。

在步骤 S1700 之后,即确定声音数据是否正在被再现之后,控制部分 500 的 CPU 501 分析由控制器 523 来的信号,以便确定发送/接收机 800 是否与外部电信系统连接,该外部电信装置是指例如计算机,该计算机具有调制解调器或安装在其中的其它电信装置,或数据自动售货机,该自动售货机出售各种数据和各种音乐节目、电视游戏等(S1800)。

如果在步骤 S1810 中确定发送/接收机 800 与外部电信系统连接,那么本发明的系统被变成下载负载,在步骤 S1810 中该数据被下载,并且在步骤 S1820 中确定在下载的数据中是否存在误差。

如上所述,如果确定在下载的数据中存在误差,那么控制部分 500 的

CPU 501 控制重新发送数据，如果在该数据中不存在误差，那么存储该数据 (S1830)。此外，如果在步骤 S1820 中确定在发送的数据中不存在误差，那么在步骤 S1840 中 CPU 501 确定该数据的发送是否被完成，指明在数据存储部分 600 中的地址区域，然后在步骤 S1850 中下载和存储该数据。

- 5 在如上所述构成和再现压缩数据的 MPEG 便携式放音系统，由于利用 MPEG 方法压缩声音数据并且把该数据存储到半导体芯片中或其它存储元件中，然后以一种用户可听的格式被再现，因此，通过消除了对唱片、磁带，CD 和其它类似的存储介质的需要而提供了方便，并且能够克服在现有再现装置中利用存储介质的许多缺陷：即在记录或重复播放之后音质的下降、存储介质的易碎性迫使在存储数据时需要特别小心等缺陷。
- 10

此外，因为能够把本发明的系统与电信系统和数据自动售货机连接起来以便下载各种数据，所以能够提供给用户快速、方便和低费用的好处。

- 考虑到在此公开的对本发明的描述和特殊的实施例，本发明的其它实施例对于本领域里的技术人员来说是显而易见的。这些说明和实施例仅作为例子来考虑，它们都属于由所附权利要求所指示的本发明的保护范围和精神之内。
- 15

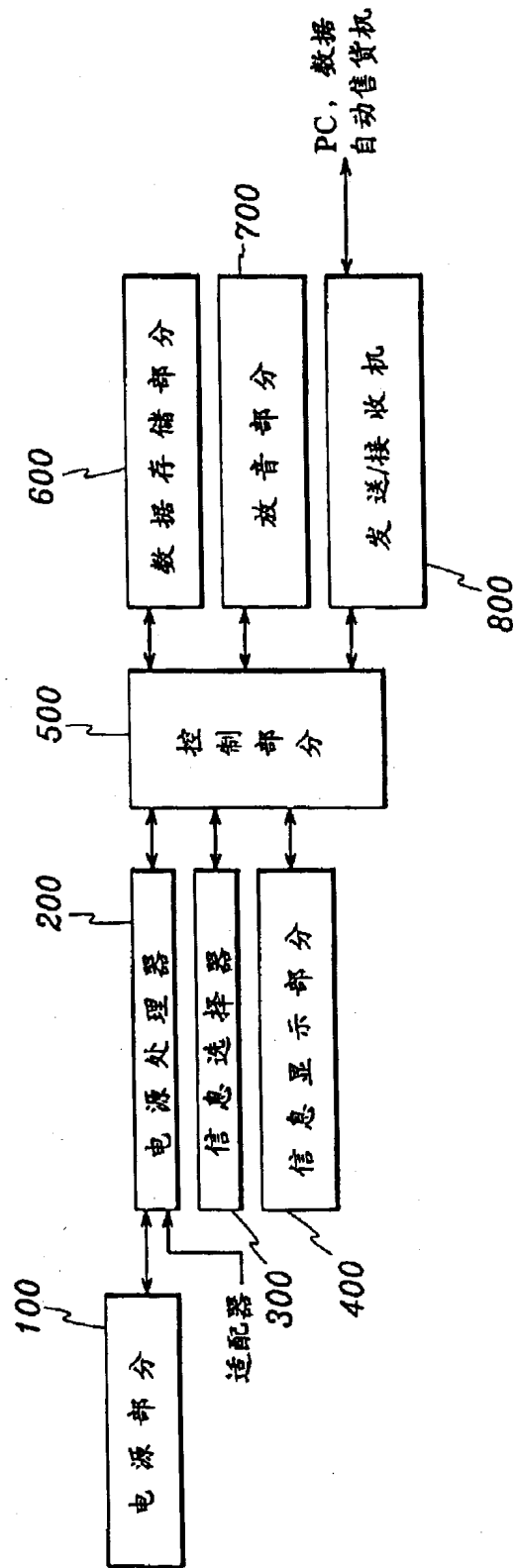


图 1

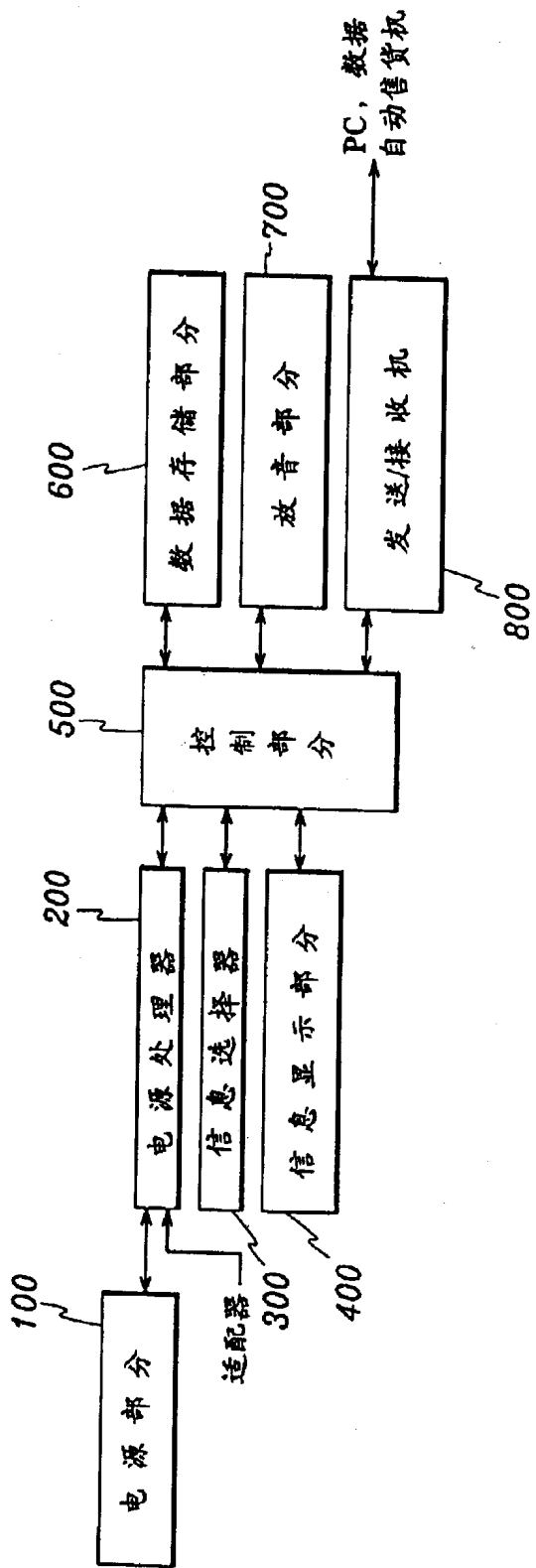


图 1

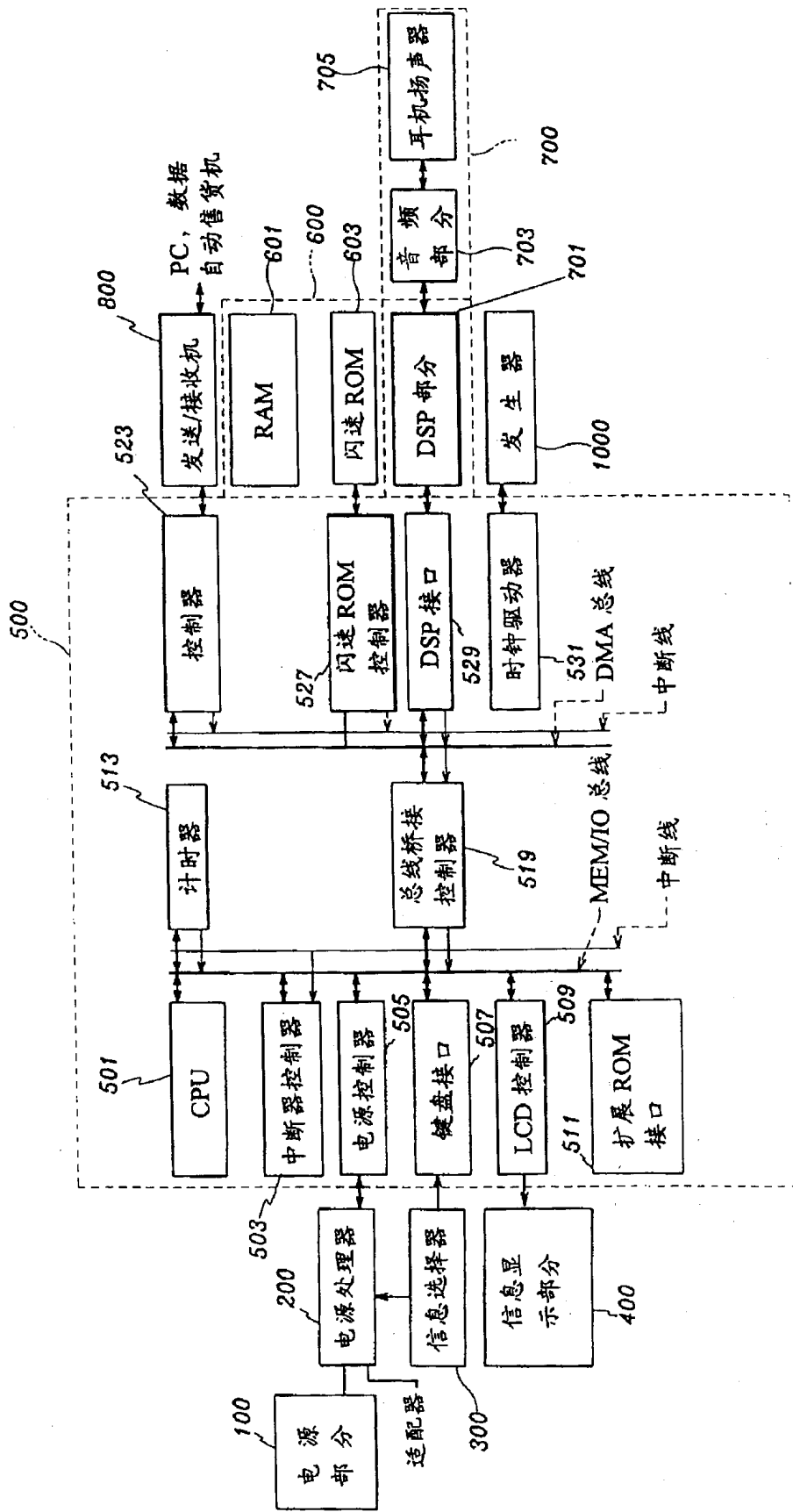


图 2

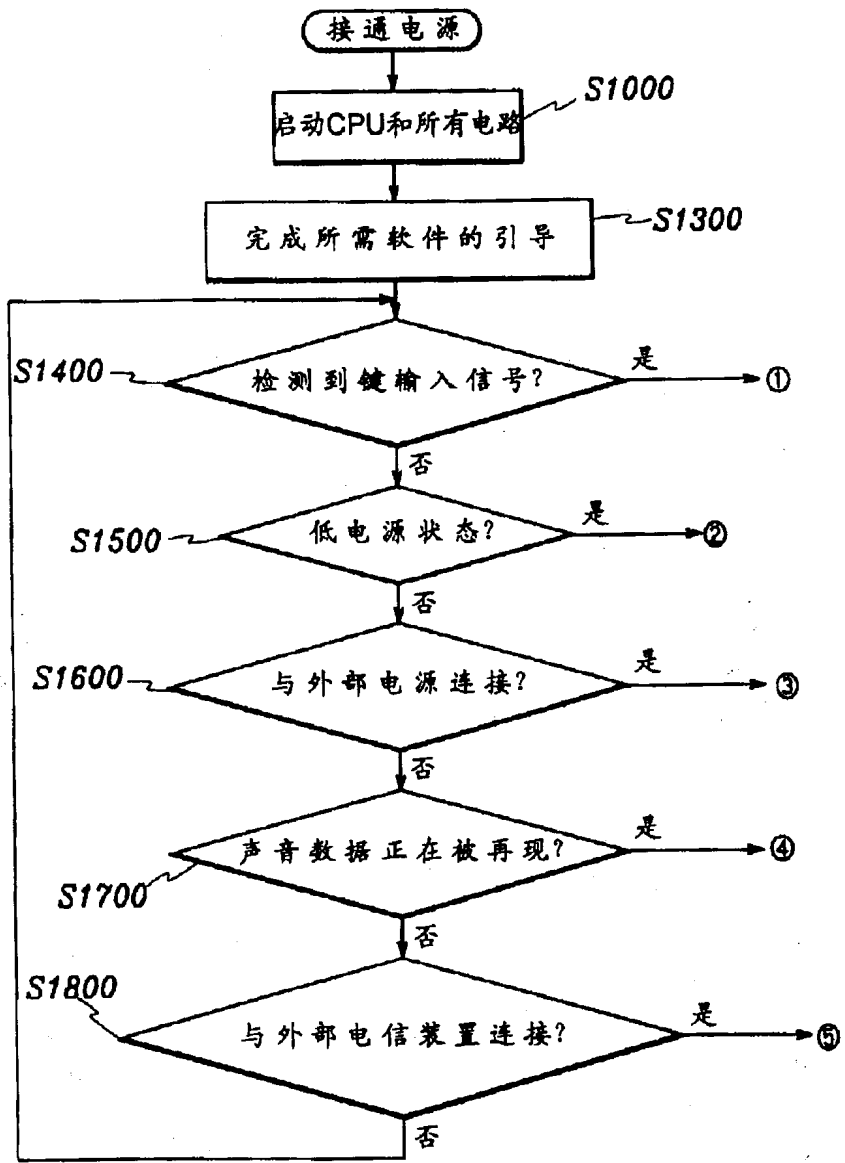


图 3a

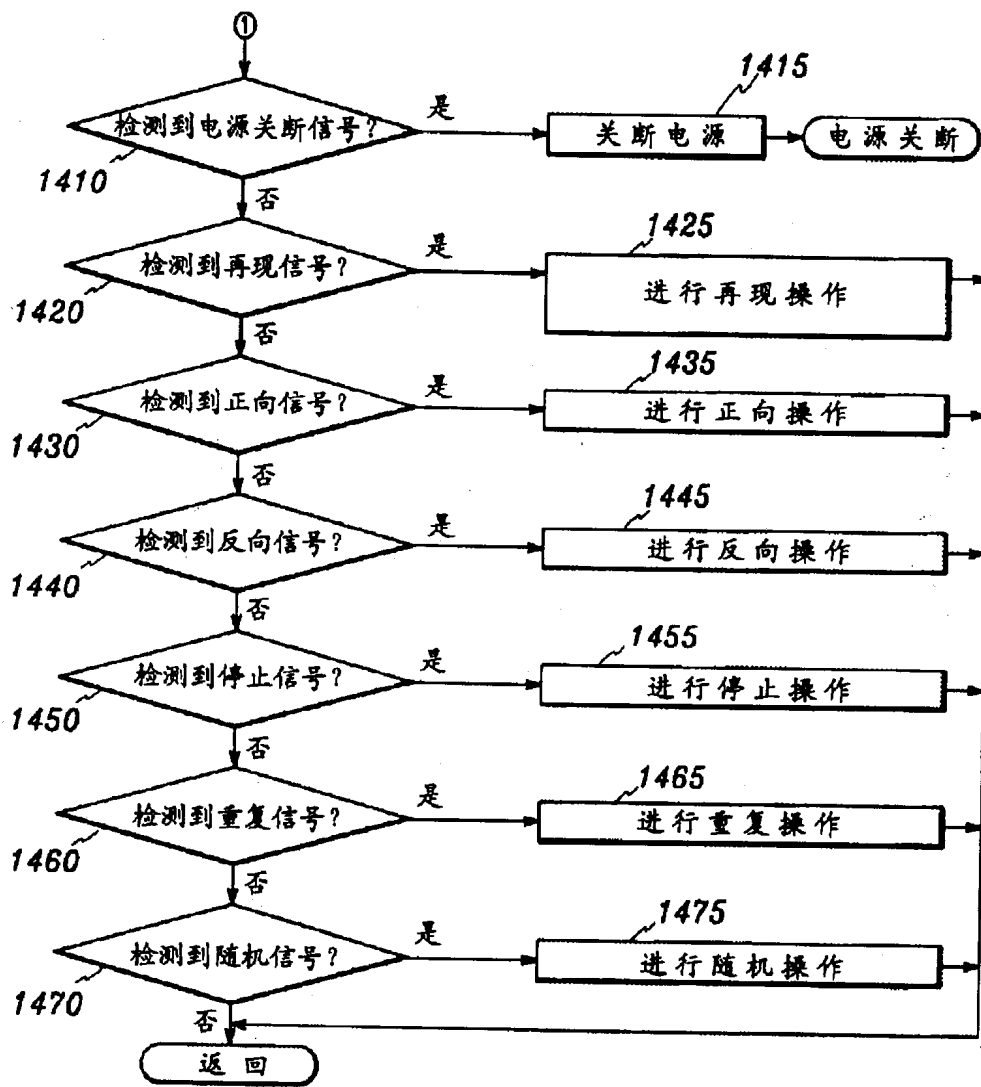


图 3b

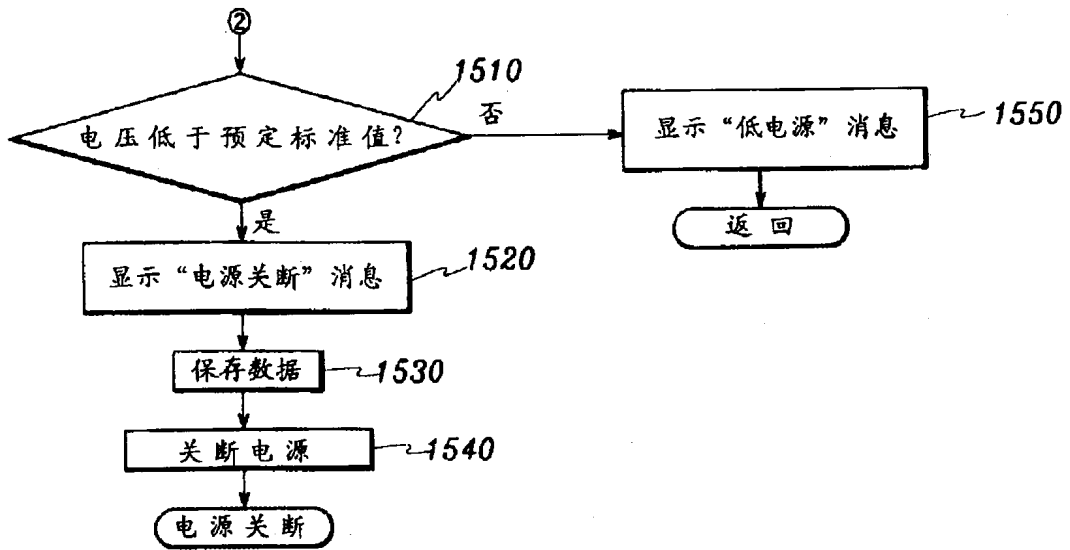


图 3c

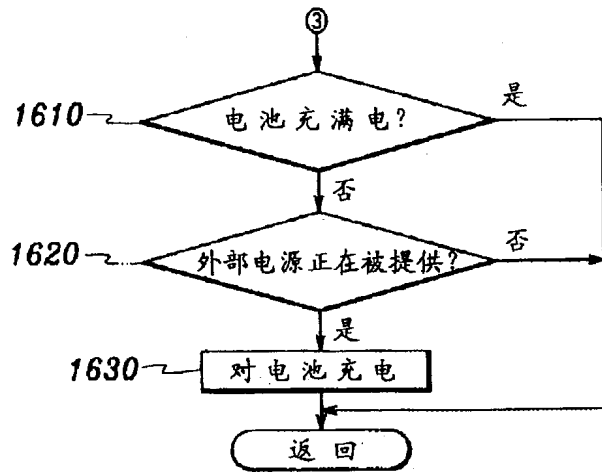


图 3d



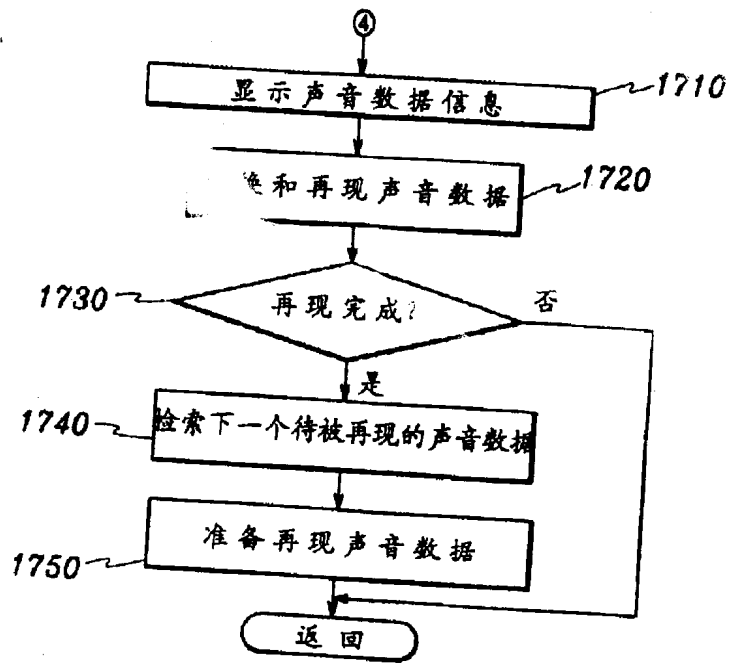


图 3e

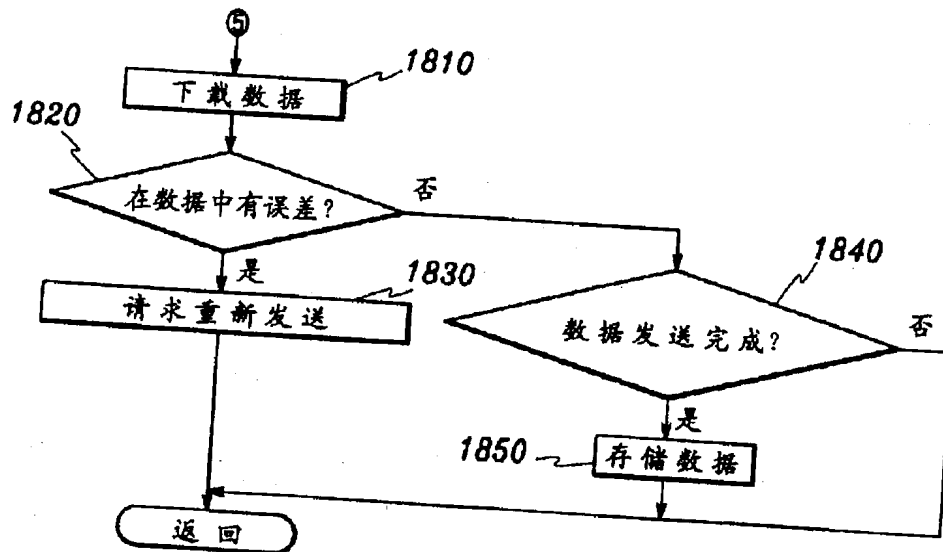


图 3f

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5234978
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	21906
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	AFF.0004C5US
<b>Receipt Date:</b>	28-APR-2009
<b>Filing Date:</b>	16-JAN-2008
<b>Time Stamp:</b>	15:56:50
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	AFF004C5USIDS1449.pdf	158218 <small>9e31533060d7be01aba5c9321b486c6443989311</small>	no	4

### Warnings:

### Information:

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2	Foreign Reference	CN1218258.pdf	910639 c7d829fb00f7b756dab56615c06791515373acb1	no	21
<b>Warnings:</b>					
<b>Information:</b>					
3	NPL Documents	AFF004Series2009-03-20VWGoAInvalidityContentionswithClaimCharts.pdf	1779469 b5246b71a466689fe3093f04ca8efc08cecdff663	no	346
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4	NPL Documents	AFF004SeriesDefendantsInvalidityContentions.pdf	162302 d2b0cfd6c6cccc029902644047d053db0f1043d3	no	23
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5	NPL Documents	IssueNotification.pdf	39575 f6d86544ce145681ee23dcd79679e76a2336ab9	no	1
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<b>Information:</b>					
6	NPL Documents	NETWORKVehicleNPLDocument.pdf	584631 eed7234d7660a014ca0c20aab57904b2b9c134d8	no	6
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8	NPL Documents	ExC.pdf	132280 d29018d99611ebf6d3780024d6c1721928baf67	no	37
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<b>Warnings:</b>					
<b>Information:</b>					
			<b>Total Files Size (in bytes):</b>	5762022	
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( 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	2618
	Examiner Name	
	Attorney Docket Number	AFF.004C5US

## U.S. PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6192340		2001-02-20	Abecassis	
	2	6230322		2001-05-08	Saib, et al.	
	3	6694200		2004-02-17	Naim	
	4	6526335		2003-02-25	Treyz, et al.	
	5	6990334		2006-01-24	Ito	
	6	5307326		1994-04-26	Osawa	
	7	4905272		1990-02-27	Van de Mortel, et al.	
	8	6629000		2003-09-30	Moon, et al.	

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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	2618
Examiner Name	
Attorney Docket Number	AFF.004C5US

**U.S.PATENT APPLICATION PUBLICATIONS**

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20040151327		2004-08-05	Marlow	
	2	20050049002		2005-03-03	White, et al.	
	3	20050054379		2005-03-10	Cao, et al.	
	4	20050096018		2005-03-05	White, et al.	

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**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1	CN 1218258 A	CN		1999-06-02			<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 <sup>5</sup>
	1	Affinity Labs of Texas, LLC, Plaintiff, v. BMW North America, LLC. et al, Defendants, Case No. 9:08-cv-00164-RC, Defendant Volkswagen Group of America, Inc's Invalidation Contentions, Pages 1-346.	<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	2618	
Examiner Name		
Attorney Docket Number	AFF.004C5US	

2	Affinity Labs of Texas, LLC, Plaintiff, v. Dice Electronics, LLC., Defendants, Case No. 9:08-cv-00163-RC; Affinity Labs of Texas, LLC, Plaintiff, v. Hyundai Motor America, et al., Defendants, Case No. 9:08-cv-00164-RC; Affinity Labs of Texas, LLC, Plaintiff, v. JVC Americas Corp., Kenwood USA Corporation, Defendants, Case No. 9:08-cv-00171-RC, Defendant's Joint Invalidity Contentions and Production of Documents Pursuant To Patent Rules 3-3 and 3-4(b), Pages 1-23 and Exhibits A, B1-B34, C and D.	<input type="checkbox"/>
3	U.S. Patent And Trademark Office, Issue Notification in patent application serial no. 10/947,754, 1 page.	<input type="checkbox"/>
4	R. LIND, et al. "The Network Vehicle - A Glimpse into the Future of Mobile Multi-Media," September 1999, Pages 27-32.	<input type="checkbox"/>

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**EXAMINER SIGNATURE**

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> 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	12015320
Filing Date	2008-01-16
First Named Inventor	Russell W. White, et al.
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.004C5US

**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)	2009-04-28
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.**

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<b>EFS ID:</b>	5235066
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	21906
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	AFF.0004C5US
<b>Receipt Date:</b>	28-APR-2009
<b>Filing Date:</b>	16-JAN-2008
<b>Time Stamp:</b>	16:02:00
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	AFF004C5USIDS1449.pdf	158218 <small>9e31533060d7be01aba5c9321b486c6443989311</small>	no	4

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<b>Information:</b>					
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<b>Information:</b>					
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<p><b>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.</b></p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>  <b>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.</b></p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>  <b>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.</b></p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>  <b>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.</b></p>					

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( 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	2618
	Examiner Name	
	Attorney Docket Number	AFF.004C5US

## U.S. PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6192340		2001-02-20	Abecassis	
	2	6230322		2001-05-08	Saib, et al.	
	3	6694200		2004-02-17	Naim	
	4	6526335		2003-02-25	Treyz, et al.	
	5	6990334		2006-01-24	Ito	
	6	5307326		1994-04-26	Osawa	
	7	4905272		1990-02-27	Van de Mortel, et al.	
	8	6629000		2003-09-30	Moon, et al.	

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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	2618
Examiner Name	
Attorney Docket Number	AFF.004C5US

**U.S.PATENT APPLICATION PUBLICATIONS**

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20040151327		2004-08-05	Marlow	
	2	20050049002		2005-03-03	White, et al.	
	3	20050054379		2005-03-10	Cao, et al.	
	4	20050096018		2005-03-05	White, et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1	CN 1218258 A	CN		1999-06-02			<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

**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 <sup>5</sup>
	1	Affinity Labs of Texas, LLC, Plaintiff, v. BMW North America, LLC. et al, Defendants, Case No. 9:08-cv-00164-RC, Defendant Volkswagen Group of America, Inc's Invalidation Contentions, Pages 1-346.	<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	2618	
Examiner Name		
Attorney Docket Number	AFF.004C5US	

2	Affinity Labs of Texas, LLC, Plaintiff, v. Dice Electronics, LLC., Defendants, Case No. 9:08-cv-00163-RC; Affinity Labs of Texas, LLC, Plaintiff, v. Hyundai Motor America, et al., Defendants, Case No. 9:08-cv-00164-RC; Affinity Labs of Texas, LLC, Plaintiff, v. JVC Americas Corp., Kenwood USA Corporation, Defendants, Case No. 9:08-cv-00171-RC, Defendant's Joint Invalidity Contentions and Production of Documents Pursuant To Patent Rules 3-3 and 3-4(b), Pages 1-23 and Exhibits A, B1-B34, C and D.	<input type="checkbox"/>
3	U.S. Patent And Trademark Office, Issue Notification in patent application serial no. 10/947,754, 1 page.	<input type="checkbox"/>
4	R. LIND, et al. "The Network Vehicle - A Glimpse into the Future of Mobile Multi-Media," September 1999, Pages 27-32.	<input type="checkbox"/>

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**EXAMINER SIGNATURE**

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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.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> 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	12015320
Filing Date	2008-01-16
First Named Inventor	Russell W. White, et al.
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.004C5US

**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)	2009-04-28
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

<b>EFS ID:</b>	5235101
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	21906
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	AFF.0004C5US
<b>Receipt Date:</b>	28-APR-2009
<b>Filing Date:</b>	16-JAN-2008
<b>Time Stamp:</b>	16:04:15
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	AFF004C5USIDS1449.pdf	158218 <small>9e31533060d7be01aba5c9321b486c6443989311</small>	no	4

### Warnings:

### Information:

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**New Applications Under 35 U.S.C. 111**

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

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

**New International Application Filed with the USPTO as a Receiving Office**

**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.**

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( 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		2618	
	Examiner Name	Unknown		
	Attorney Docket Number		AFF.004C5US	

U.S.PATENTS							Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
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Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
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FOREIGN PATENT DOCUMENTS								Remove
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>

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NON-PATENT LITERATURE DOCUMENTS				Remove
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 <sup>5</sup>

**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	2618
Examiner Name	Unknown
Attorney Docket Number	AFF.004C5US

1	U.S. Patent and Trademark Office, Order Granting/Denying Request For Ex Parte Reexamination dated December 19, 2008 for U.S. Patent No. 7,324,833 (request granted), Pages 1-13.	<input type="checkbox"/>
2	Affinity Labs of Texas, LLC, Plaintiff, v. BMW North America, LLC, et al., Defendants, Civil Action No. 9:08-cv-164, Order Denying Defendants' Motion To Stay, Filed February 20, 2009, Pages 1-9.	<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.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> 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	12015320		
Filing Date	2008-01-16		
First Named Inventor	Russell W. White, et al.		
Art Unit	2618		
Examiner Name	Unknown		
Attorney Docket Number	AFF.004C5US		

**CERTIFICATION STATEMENT**

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- 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)	2009-03-26
Name/Print	Mark J. Rozman	Registration Number	42117

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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.
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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.

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	5042262
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	21906
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	AFF.0004C5US
<b>Receipt Date:</b>	26-MAR-2009
<b>Filing Date:</b>	16-JAN-2008
<b>Time Stamp:</b>	16:11:52
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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	Filing Date		2008-01-16	
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	Attorney Docket Number	AFF.004C5US

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(54) **Portable MP3 player having various functions**

(57) An MP3 player and its data providing system are disclosed. A voice from a microphone is converted into a digital audio signal by an A/D converter. An MP3 music file and private information such as phone numbers or memos are downloaded from a data providing apparatus such as a computer through an interface to the MP3 player. A CODEC decodes the MP3 music file for reproduction, encodes the digital audio signal into a voice data file by PCM or an ADPCM method, and decodes the encoded voice data file. A D/A converter converts the decoded digital audio signal into an analog

audio signal for the reproduction of voice or music. The MP3 player uses a nonvolatile memory for storing the encoded voice data file or the downloaded files from the computer. The MP3 player has a key pad comprising various function keys with which a user can direct an operation of the MP3 player, which is controlled by a microcomputer. The files stored in the MP3 player can be also uploaded to the computer. Furthermore, the MP3 player has various additional functions.

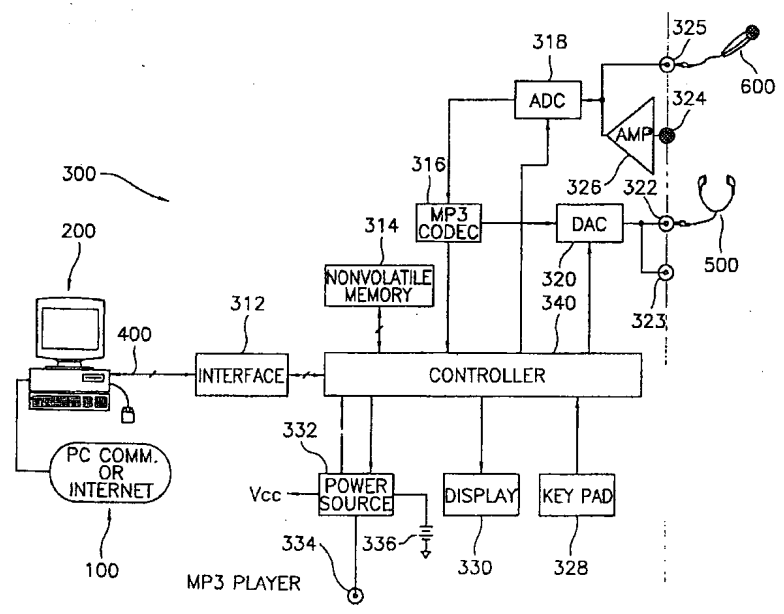


FIG. 1

EP 0 982 732 A1

## Description

### Background of the Invention

#### 1. Field of the Invention

[0001] The present invention relates to an apparatus for recording and reproducing digital data and more particularly to a MP3 player, having basic functions for downloading, storing and reproducing digital files from a data providing apparatus such as a computer or a vending machine and further having additional functions.

#### 2. Description of the Prior Art

[0002] A typical MP3 file is obtained by compression-coding audio data in a format of MPEG1 LAYER3. Generally, this MP3 format is widely used for making a computer music file, but nowadays news or lecture is also realized through the MP3 format.

[0003] As MP3 files are intrinsically oriented for a computer environment, it was able to be reproduced only by a computer system with a multimedia function until a dedicated audio reproducing apparatus was known. Conventionally, without the use of a multimedia computer system, various methods of reproducing MP3 file are being used. For a cassette tape player, MP3 music files are first converted to analog type audio signals in a computer system, and then the analog signals are recorded on a cassette tape. Another way is to use a compact disc (CD) player. For this, MP3 files are copied on a CD disk.

[0004] However, these methods are disadvantageous in that when MP3 files are recorded on the recording medium such as the above cassette tapes or CD disks, data errors may be appear on the recorded data from the recoding medium, which may result in a deteriorated quality of sound during the reproduction.

### Summary of the Invention

[0005] Therefore, it is a first object of the present invention to provide an MP3 player having a function of downloading MP3 music files and various additional information such as phone numbers or memos from an external data providing apparatus reproducing them if necessary.

[0006] It is a second object of the present invention to provide an MP3 player having functions of recording voice data in a form of a digital data file after signal processing and reproducing or transmitting the recorded voice file to an external apparatus if necessary.

[0007] It is a third object of the present invention to provide an MP3 player having function of displaying all kinds of languages, so far as they can be supported by the data providing apparatus, on its display panel.

[0008] In order to accomplish the above objects, there is provided a method of recording and reproducing a digital data as a first aspect of the invention, comprising the steps of: a) executing a management program of a data providing apparatus for integrally managing both the data providing apparatus and a MP3 player; b) selecting a file to be downloaded to the MP3 player from files stored in the data providing apparatus in a running state of the management program; c) storing the downloaded file in a nonvolatile memory of the MP3 player; d) recording a voice signal from a microphone in a form of a digital voice file in the nonvolatile memory; e) selecting a file to be reproduced from the files stored in the nonvolatile memory; and f) reproducing the selected file into an audio output by decoding the selected file.

[0009] The voice signal which is an analog signal is at first converted into a digital voice data, then is encoded in either a pulse coded modulation (PCM) method or an adaptive differential pulse coded modulation (ADPCM) method, and finally recorded in a form of a voice file in the nonvolatile memory of the MP3 player. The recorded voice file can be reproduced into the original voice through a decoding process in the same method, if necessary.

[0010] The MP3 music file includes a music data and an additional data. The latter is converted into a bit-map format prior to being downloaded and is displayed on a display panel of the MP3 player upon the reproduction of the MP3 music file.

[0011] The files stored in the nonvolatile memory can be uploaded to the data providing apparatus, if necessary. Besides, phone numbers or memos inputted with the data providing apparatus also can be downloaded to the MP3 player and then can be displayed on the display panel of the MP3 player.

[0012] As a second aspect of the present invention, there is provided a portable data recording/reproducing MP3 player apparatus. The MP3 player includes an analog-to-digital converting means for converting an analog audio signal of a voice provided by a microphone into a digital audio signal; a coding/decoding means for decoding an MP3 music file in an MP3 decoding method, encoding the digital audio signal into a voice data file in a predetermined decoding method, and decoding the voice data file by the predetermined decoding method; an interfacing means for interfacing a reception and a transmission of a data file between an external data providing apparatus and the MP3 player; a nonvolatile memory means for storing the encoded voice data file from the coding/decoding means and the data file from the data providing means at a designated address; a key input means, including a plurality of function selection keys, for selecting a file to be reproduced into an audio signal from the nonvolatile memory and for directing a predetermined function with the function selection keys; a digital-to-analog converting means for converting a digital audio signal decoded by the coding/decoding means into an analog audio signal for an

audio reproduction; and a control means, in response to an output signal of the key input means, for controlling a data communication between the data providing apparatus and the data recording/reproducing apparatus, reading and writing operations to the nonvolatile memory and a reproduction of a read-out file. A computer system or a data vending machine can be utilized as the data vending machine.

**[0013]** As a third aspect of the present invention, there is provided a system for recording and reproducing a digital data comprising: a computer, including an MP3 file management program, for performing download and upload of any kinds of computer files besides an MP3 music file and a recorded voice file through a parallel port; and an MP3 player for reproducing the MP3 music file while displaying information related to the MP3 music file, for recording a voice signal originated from a microphone in a form of a digital voice file in a nonvolatile memory and reproducing the digital voice file if necessary, and for displaying information of phone numbers and memos, in response to user's key operations, wherein the MP3 player is connected to the computer through the parallel port, the MP3 music file and the information of the phone numbers and memos are downloaded from the computer to be stored in the nonvolatile memory.

**[0014]** According to the present invention, the MP3 player has a voice recording function and additional functions for saving and displaying character data such as phone numbers and memos except the basic function for storing and reproducing of the MP3 music file. That is, with the MP3 player, a user can easily record a voice at any time or place, and reproduce the recorded voice file if necessary. Furthermore, the user can upload the recorded voice file to computer and can perform the reproduction and management of the voice file. As such, the MP3 player works as another input/output apparatus of the computer and has a more convenient function when it is cooperated with the computer.

**[0015]** Meanwhile, the MP3 player does not need a recording medium such as a cassette tape for a cassette tape player or a CD for a CD player as a data source. Thus, there is no need for the MP3 player to have a driving mechanism of the recording medium. This allows a simple configuration of the MP3 player and a good quality of the output signal even when an impact is applied to the MP3 player.

**[0016]** Furthermore, the MP3 player does not require to have a large size font ROM and can support various languages because the character data are downloaded in the form of a bit-map from the computer, which results in a lower manufacturing cost.

#### Brief Description of the Drawings

**[0017]** The above objects and other advantages of the present invention will become more apparent by describing in detail a preferred embodiment thereof with

reference to the attached drawings, in which:

FIG. 1 shows a configuration of a digital data recording and reproducing system according to the present invention;

FIGs. 2 to 5 shows screen views of a computer monitor displayed by an execution of a management program according to the present invention;

FIG. 6 shows an external appearance of a portable MP3 player according to the present invention;

FIG. 7 illustrates a mapping format of a flash memory of the portable MP3 player;

FIG. 8 explains various operation modes of the portable MP3 player;

#### Description of the Preferred Embodiment

**[0018]** An embodiment of the present invention will hereinafter be described in detail with reference to the drawings.

**[0019]** Referring to FIG. 1, a configuration of a digital data recording/reproducing system according to the present is illustrated. The system includes broadly a computer 200 and an MP3 player 300. Here, computer 200 should be understood as an example of an external data providing apparatus. A commercially available data vending system, which has ever been commercialized nowadays, can work as the external data providing apparatus if it has a management program which makes the system work as designed functions according to the present invention.

**[0020]** Computer 200 is required that it should have an operating system which can support a graphic user interface, for example, Window series operating system of Microsoft Co. Ltd., and a communication environment which can support a data communication with an external source through a communication network, like a conventional personal computer. A management program for an integral file management between MP3 player and computer 200 is installed in computer 200. By means of the management program, some files such as various kinds of the MP3 music files which was downloaded to computer 200 through Internet or a computer communication network 100 or computer files stored in a hard disc of computer 200 can be downloaded to MP3 player 300, and reversely some files stored in MP3 player 300 can be uploaded to computer 200.

**[0021]** Computer 200 and MP3 player 300 are connected with each other by a communication cable 400 for a data communication. In detail, one end of communication cable 400 is connected to a parallel port of computer 200 and the other end is connected to a communication port of MP3 player 300.

**[0022]** FIG. 2 shows a main menu 202 of the manage-



ment program displayed on a monitor of computer 200 when the management program is running after an installation of the management program.

[0023] In main menu 202, there is provided with a menu section 204 having some menus named "File, PC, MPMan, Tool and Help". Here, the MPMan is a trademark of the MP3 player of the applicant. As shown in FIG. 3, the File menu includes "Exit" menu, and the PC menu includes some submenus of "Cut, Copy, Paste, Delete, Rename, Folder, Latest Information, and Download to MPMan" in its dropdown menu box 208. The MPMan menu includes "MPMan Initialize, Delete, Latest Information, and Upload to PC" in its dropdown menu box 210. There are also provided with some submenus of The Tool menu such as "Phone/Memo, MP3 play, MP3 File Information and Environment" in a dropdown menu box 212.

[0024] In main menu 202, there are provided with two windows: a first window 214 showing directory information of computer 200 in a left side and a second window 216 showing file information of MP3 player 300 in a right side. There are provided with two move buttons over the windows 214 and 216: a first move button 218 for downloading a selected files from computer 200 to MP3 player 300 and a second move button 220 for uploading a file stored in MP3 player 300 to computer 200. If a user selects a file from first window 214 with a mouse pointer and then clicks first move button 218, the selected file is downloaded to MP3 player 300. To the contrary, in order to upload a file stored in MP3 player to computer, the user should select the file from second window 216 with the mouse pointer and then click the second move button 220.

[0025] In response to a selection of the Phone/Memo menu of Tool menu 212, a Phone/Memo window 222 is displayed as shown in FIG. 4. There are provided with three menus such as "Memo, Phone, and Preview" and two buttons of "Cancel and Select". In response to a selection of the Phone menu, there is displayed a Phone menu window 223 having two input windows of "Group and Name and Phone Number" and four buttons of "Edit, Insert, Delete and Save". For a registration of a phone number, a user should choose a group in Group input window 226, input the phone number through Name and Phone Number window 228 and click save button. Besides, Phone menu window 223 has some other buttons for vertical and horizontal scroll, edit, insert, delete, and save.

[0026] When the Memo menu is selected, a Memo window 230 is displayed as shown in FIG. 5. There are provided with a "Title" window 232, a "Memo" window 234, vertical and horizontal scroll buttons, and save and font buttons 238 in Memo window 230. After the user sets a particular font face and size with the font button, the graphic character is displayed as a set in a display panel 330 of MP3 player.

[0027] The Preview menu allows the user to see the contents of display panel 330 of MP3 player through the

monitor of computer 200.

[0028] Character data, except English character and numeric data, of additional information for a music file such as title, artist and genre, which are called ID3 tag information, phone numbers and memos are downloaded to MP3 player 300 in a form of a bit-map data for the display through display panel 330 of MP3 player 300. For this, computer 200 converts the character data of a file to be downloaded to MP3 player 300 into a bit-map data and loads them to a virtual image buffer. At this time, the record unit to the image buffer is dependent on the resolution of display panel 330 of MP3 player 300. For example, if display panel 330 is realized with the LCD panel, the record unit is 16x16 pixels. Especially, the ID3 tag information is also converted into a bit-map data which is added to the head of the MP3 music file and is downloaded in a MP3 file form to MP3 player 300. Furthermore, text codes of the phone numbers and memos are also converted into a bit-map data prior to the download to MP3 player.

[0029] As such, computer 200 is connected with MP3 player 300 through the parallel port and manages the data communication with MP3 player 300 for the download and upload of any kinds of computer files including the MP3 music file, the phone number file and the memo file with the management program.

[0030] Without mentioning that a phone number file or a memo file can be made with computer 200, such file can be made with MP3 player 300 if it has a data input means. As the phone number and memo data are managed in computer 200 and an initialization of the previous data of MP3 player 300 is performed prior to the transfer of data, a new version of the data is stored in MP3 player at every download of data.

[0031] MP3 player 300 has a voice recording function, which will be described below in detail, and a voice signal is encoded by PCM or ADPCM method prior to being stored as a voice file in MP3 player 300. The management program supports a wave driver function that enables uploading of the encoded voice file from MP3 player to computer 200 and transforming the voice file into a wave signal so as to output a voice through a sound card of computer 200. Furthermore, the management program has a function of compressing a music data of other formats other than MP3 format and of decompressing and decoding a compressed MP3 music file to reproduce music.

[0032] Meanwhile, referring to FIG. 1, MP3 player 300 includes an interfacing section 312, memory 314, a coder/decoder (CODEC) 316, an analog-to-to digital (A/D) converter 318, a digital-to-analog (D/A) converter 320, an earphone jack 322, a line-out jack 323, a built-in type microphone 324, a line-in jack 325, an amplifier 326, a key pad 328, a display section (330), a power supplier 332, a DC adapter jack 334, a battery 336 and a controller 340.

[0033] Interfacing section 312 supports the data communication between computer 200 and MP3 player 300.

Interfacing section 312 has a parallel port socket which is connected to the parallel port of computer 200 through a communication cable 400. An example of the parallel port socket is a personal computer memory card international association (PCMCIA) with 15 pins comprising a ground pin, 8-bits data pins and 6-bits control signal pins. The six control signals are as follows: strobe, ack, busy, auto-feed, initialize, select-in. Especially, the strobe signal, here, is used as a read signal and the auto-feed signal is used as a write signal. That is, interfacing section 312 supports a bidirectional data communication between computer 200 and MP3 player 300 in response to the six control signals.

[0034] For a voice recording, MP3 player 300 has line-in jack 325, built-in type microphone 324, amplifier 326 connected to microphone 324, and A/D converter 318 connected to line-in jack 325 and amplifier 326. An external microphone 600 can be connected to A/D converter 318. A voice source which transfers a voice signal through line-in jack 325 is not confined to microphone 600 and a conventional cassette tape recorder can be an example of the voice source. The voice signal provided from built-in microphone 324 or line-in jack 325 is amplified by amplifier 326. The amplified voice signal is converted into digital data by A/D converter 318 which is controlled by controller 340. The digital data is fed to CODEC 316.

[0035] Memory 314 works as a data storage of MP3 player which stores various kinds of computer files downloaded from computer 200 and voice files encoded by CODEC 316. It is required that memory 314 can sustain its data even in the state of power-off. Accordingly, a nonvolatile memory should be used as memory 314. In view of size and stability, a flash memory is strongly recommended.

[0036] FIG. 7 illustrates a mapping format of memory 314. The memory map comprises an file allocation table (FAT) area 702 and a data area 704. A first block BLK0 is designated as FAT area and the other blocks BLK1 ~ BLK<sub>m</sub> are designated as data area 704. One block includes a main area 706 with a dimension of 512 bytes by 16 pages and a sub area 708 with a dimension of 16 bytes by 16 pages.

[0037] In main area 706, block information of all the blocks is stored as shown in Table 1, and identification information of the flash memories is stored in sub area 708.

( Table 1 )

CODE	CONTENT
FF	blank block
00	bad block
CC	non-existent block
M	first block of the music file

( Table 1 )(continued)

CODE	CONTENT
m	music file block
T	first block of phone number file
t	phone number file block
D	first block of memo file
d	memo file block
P	first block of PCM file
p	PCM file block
E	first block of computer file (wp, txt, exe)
e	computer file block

[0038] In data area 704, file information is stored. Every file consists of a plurality of blocks. In the first block of sub area 710 of every file, the file information of the corresponding file is stored. The file information includes a file type (a music file, a PCM file, a phone number file, a memo file and any other computer file), a block number of the file, a current block number, a next block number, an effective data size in the current block, a file size, a file name, and date and time. Sub area 712 of each block from the second block of every file contains block information of the corresponding block. The block information consists of a file type, a block offset, a previous block number, a current block number, a next block number, and an effective data size in a current block.

[0039] Accordingly, the file structure can be analyzed by referring the first block of each file in FAT area 702 and then by referring the file information in sub area 710 of the referred first block. Since the next block information is stored in the sub area of the current block (refer to 710 and 712) for the block linkage, the blocks of each file can be successively read out. Regarding file 1 in FIG. 7, it can be known from the information (1)-(7) in sub area 710 of the first block that the current block number is 1 and the next block number is 7. Furthermore, it can be known from the information (1)-(7)-(20) in sub area 712 that the current block number is 7, the previous block number being 1, the next block number being 20. Since the data of every file can be read out referring to the linkage information of all the blocks, the forward or backward reproducing operation can be easily and accurately performed.

[0040] CODEC 316 functions as a encoder together with a decoder. For the reproduction of a MP3 music file stored in memory 314, CODEC 316 decompresses the MP3 music file from controller 340 according to the MP3 format and decodes the decompressed music file into an audio data in a bit stream form. Further, when CODEC 316 is provided with a digital voice data from A/D converter 318, CODEC 316 functions as an encoder which encodes the digital voice data by PCM or

ADPCM method. The encoded data is stored in a file form in memory 314 by controller 340. Meanwhile, for the reproduction of the voice data file stored in memory 314 through earphone 500, CODEC 316 decodes the voice data file in a corresponding demodulation method into a bit stream form of the digital voice data which is provided to D/A converter 320. For the three optional functions, CODEC 316 has a read only memory (ROM) and a random access memory (RAM). A decoding program for the MP3 decoder function is stored in the ROM. Programs for decoding and encoding the voice signal are selectively loaded to the RAM by controller 340 when necessary. That function for CODEC 316 to perform is dependent on the program loaded by controller 340. If controller 340 does not direct a particular function, CODEC 316 functions as the MP3 decoder; otherwise, CODEC 316 performs the particular function of the encoder and decoder for the voice. For the control of the function of CODEC 316, controller 340 should designate the function of CODEC 316 based on the type of a file to be processed together with feeding and fetching the data in relation with CODEC 316 in a serial transmission method.

**[0041]** D/A converter 320 converts the decoded voice data provided from CODEC 316 into an analog voice signal to be transferred to earphone jack 322 or line-out jack 323 by the control of controller 340. Line-out jack 323 can be utilized as an output terminal for any other apparatus other than earphone 500.

**[0042]** In the meantime, MP3 player 300 has display section 330 for displaying characters or graphics. Display section 330 can be made with LCD panel, for example, which has an icon display window and a graphic dot display window with a dimension of 128 by 32 dots and a driver for the LCD panel. In the icon display window, there are provided several icons representing such as a battery indicator, a holder indicator for blocking unintended button operation, a play mode indicator, a genre indicator, a volume indicator, and an available memory size. In the graphic dot display window, information such as the title of a music, phone number and contents of a memo are displayed. The data of these kinds of information can be displayed simply in the form of a bit-map image in the display panel without any particular signal process because they are stored in memory 314 as a bit-map. Consequently, by means of the bit-map image method, all languages from the world can be displayed in LCD panel 330 so long as they can be expressed in computer 200.

**[0043]** Power supplier 332 includes at least a battery 336 and has a configuration for receiving an external power through DC adapter jack 334. Power supplier 332 provides operating voltages to every section of MP3 player and is controlled by controller 340 to be automatically power-on or power-off.

**[0044]** Meanwhile, FIG. 6 shows a perspective view of MP3 player 300. Line-in and line-out jack 325 and 323, built-in type microphone 324 and earphone jack 322 are

arranged at the top of a housing, and a parallel port socket of interface section 312 is disposed at the left side of the housing. In the front of the housing, a LCD panel and key pad 328 therebelow are disposed. Any other components are installed within the housing.

**[0045]** Key pad 328 includes seven keys such as a play/stop key 600, a forward key 610, a backward key 620, a up key 630, a down key 640, a function key 650 and a selection key 660 and a hold key 670 for preventing keys from being operated accidentally or being in contact unintended. Functions of every keys will be described later.

**[0046]** Controller 340 can be made with a microcomputer. The microcomputer may includes a CPU, a system RAM, a system ROM and an A/D converter on an one-chip. Controller 340, being connected to computer 200 through interface section 312, receives a selected file from computer 200 and stores it in memory 314. In addition, controller 340 loads a voice data encoded by CODEC 316 in a form of ADPCM file to memory 314. Controller 340 also performs, in response to the selection signals from key pad 328, a function of reading the voice data file or MP3 music file stored in memory 314 to be transferred to CODEC 316 and controlling the conversion of a read-out file into an audio output signal by controlling CODEC 316 and D/A converter 320. Particularly, controller 340 controls A/D converter 318 to sample an analog voice signal in a frequency of 8, 16 or 32 KHz for converting it into the digital data, and controls CODEC 316 to compress the digital data into one fourth and to convert the compressed data into PCM or ADPCM data file.

**[0047]** Furthermore, when the key selection signal from key pad 328 directs the output of character information, controller 340 reads a related file from memory 314 and controls the display of the related file on display section 330. Controller 340 is only comprised of font data, for example the English character font and the numeric font, necessary for the operation of MP3 player and for the message output. This can downsize a font ROM to be provided in controller 340. Although controller 340 contains a minimum size of font data, it can support the display of all languages because the character data to be displayed through display section 330 is a bit-map data. In other words, even if a file concerning character data is in other languages other than English, there is no need of such font data so long as the file can be converted into a bit-map data. Therefore, MP3 player 300 can display all languages so long as such language is supportable in computer 200.

**[0048]** FIG. 8 shows a configuration of operating modes of MP3 player 300. There are provided various operation modes: a communication mode 350, an auto power-off mode 352, a volume control mode 354 and a function mode 360. Function mode 360 includes six function modes: an MP3 mode 362 which is a main function mode for the control of play/stop of a MP3 music file, a phone mode 364, a voice record (PCM)

mode 366, a voice playback 368, a memo display mode 370, a file delete mode 372, and a time set mode 374. Transition between MP3 mode 362 and one of six function modes 364 ~ 374 is performed with function key 650, and the transition between the six function modes 364-374 is performed with forward key 610 and backward key 620.

[0049] If auto power-off mode 352 is set or play/stop key 600 is selected over a predetermined time, for example 3 seconds during volume control mode 354 or function mode 360, power-off mode 356 is enabled to shut off the power supply. And, if any key is selected during power-off mode 356 or communication mode 350 is performed, an initial window display mode 358 is enabled and a predetermined message is displayed in the LCD panel of display section 330.

[0050] Hereinafter, the function modes are described in detail.

### 1. MP3 Mode

[0051] This mode is the main mode for operating a MP3 music file. Referring to FIG. 9, when the power is turned on, there is displayed information of music file such as a music number, a file size and a title of music which was played prior to the power-off (380) in displaying section 300. In response to a signal of select key 660 during a stop mode in which no MP3 music file is played, an ID3 tag information such as the title, artist and genre of a MP3 music file is displayed (382). If a user selects a file with forward or backward keys 610 or 620 and pressing play/stop key 600, information such as the music number, title and play time of currently playing MP3 music file is displayed. It is allowable to select in addition to a forward play mode or a backward play mode, a fast forward play mode or a fast backward play mode during a play mode. Pressing play/stop key 600 during the play mode stops the play of the music file and activates initial display 380 together with saving the displayed data. At every pressing of select key 600 in the play mode, following modes are sequentially selected: a normal mode for playing all MP3 files and stopping, a repeat mode for repeating the current MP3 file, a repeat all mode for looping all MP3 files, a shuffle mode for playing randomly MP3 files once, a shuffle repeat all mode for playing randomly and repeating all songs. A genre can be changed by pressing function key 650 in the play mode. The types of genre are as follows: normal (no sound effect applied), classic, disco, jazz, pop and rock.

### 2. Function Mode Selection

[0052] Referring to FIG. 10, if function key 650 is selected in the play mode (382 or 384), six icons for various utilities are displayed on the LCD panel of display section 330 (386): phone menu 364 for browsing phone groups and their contents; voice record menu 366 for

recording voice in PCM (or ADPCM) file; voice playback menu 368 for playing the recorded PCM files; memo menu 370 for browsing memo titles and their contents; delete menu 372 for deleting unnecessary files including MP3 files, PCM files and memo titles; and time set menu 374 for setting the time. At first, a cursor can be shifted to an adjacent icon by forward key 610 and backward key 620. In order to select a function mode, a user should presses select key 660 after locating the cursor on a desired icon.

### 3. Phone Menu

[0053] In FIG. 11, a phone groups downloaded from computer 200 to MP3 player are listed by pressing select key 660 in phone menu 660 (402). In this state, a desired group is selected with select key 660 while scrolling the groups with forward and backward keys 610 and 620. Then a user will see the name and phone numbers in each phone group displayed on the LCD panel (404). The scroll of the phone numbers is also performed with forward and backward keys 610 and 620 and the return of the previous view is performed with function key 650.

### 4. Voice Record Menu

[0054] Referring to FIG. 12, in response to selecting the voice record icon, the file number and other information of a file to be recorded are displayed (406). If a user selects a new file or an available recorded file with forward and backward keys 610 and 620, the file number and recording time of the selected file are displayed. And, the user can select a record quality with select key 660 in a voice record standby mode 406. If the user presses play/stop key 600 in order to record the voice, a PCM data of a voice originated from microphone 324 and line-in jack 325 is appended to the end of an available file or is recorded in a new file (408). To stop the recording, play/stop key 600 should be pressed again.

### 5. Voice Playback Menu

[0055] Referring to FIG. 13, selecting the icon of this menu 390 displays a PCM file number and a playback time (410). In this state, a user can select a PCM file in be played by scrolling the PCM file number with forward and backward keys 610 and 620. If the user presses play/stop key 600 after file selection, a PCM data is reproduced into an original voice together with displaying the selected PCM file number and the playback time (412).

### 6. Memo Menu

[0056] Referring to FIG. 14, selecting the icon of this menu 392 displays a memo title (414). In this state, if a user selects a memo information with forward and back-

ward keys 610 and 620 and presses select key 660, the contents of the memo is displayed. The contents of the memo can be scrolled with up and down keys 630 and 640 or forward and backward keys 610 and 620.

#### 7. Delete Menu

[0057] Referring to FIG. 15, selecting the icon of delete menu 394 displays three icons corresponding to a MP3 music file, a PCM file and a memo file (418). In this state, if a user presses select key 660 after selecting one from these three types of files with forward and backward keys 610 and 620, the file number, size and title of the selected file are displayed (420). In order to delete a file, the user should press select key 660 after selecting a file to be deleted with scrolling the stored files with forward and backward keys 610 and 620. In response to the file deletion, the deleted file number and the available memory size are displayed and then the view of step 418 is displayed.

#### 8. Time Set Menu

[0058] Referring to FIG. 16, selecting the icon of time set menu 394 displays the current date and time (424). In this state, a user can go into the time set mode with select key 660. Move to an item to be set can be done with forward and backward keys 610 and 620, and change of data can be adjusted with up and down keys 630 and 640. In order to save the changed value, the user should press select key 660.

[0059] As described above, a user can select a MP3 music file or a PCM voice file to be selected from memory 314 with suitable key operations and various function keys of key pad 328 and can further direct to display phone numbers and memos stored in memory 314 on the LCD panel. In addition, the user can record voices originated from microphones 324 and 600 by enabling a voice recording function. Operations of key pad 328 is acknowledged by controller 340 which reads periodically output terminals of key pad 328. And, controller 340 controls corresponding elements to perform directed functions by providing suitable control signals based on the analyzed direction from key pad 328.

[0060] While the present invention has been particularly shown and described with reference to particular embodiments thereof, it will be understood by those skilled in the art that various changes in form and details may be effected therein without departing from the spirit and scope of the invention as defined by the appended claims.

#### Claims

1. A method of recording and reproducing a digital data, comprising the steps of:

a) executing in a data providing apparatus a

management program for integrally managing both a data providing apparatus and a portable data recording/reproducing apparatus;

b) selecting a file to be downloaded to the portable data recording/reproducing apparatus from files stored in the data providing apparatus in a running state of the management program;

c) storing the downloaded file in a nonvolatile memory of the portable data recording/reproducing apparatus;

d) recording a voice signal from a microphone in a form of a digital voice file in the nonvolatile memory;

e) selecting a file to be reproduced from the files stored in the nonvolatile memory; and

f) reproducing the selected file into an audio output by decoding the selected file.

2. The method as claimed in claim 1, wherein a MP3 music file downloaded from the data providing apparatus includes a music data and an additional data, and the additional data is downloaded in a form of bit-map and is displayed on a display panel of the portable data recording/reproducing apparatus when the MP3 music file is reproduced.

3. The method as claimed in claim 1, further comprising the step of selecting a file from the nonvolatile memory and uploading the selected file.

4. The method as claimed in claim 1, further comprising the steps of: inputting predetermined information via an input means of the data providing apparatus in a running state of the management program; downloading the information in a form of bit-map to the portable data recording/reproducing apparatus; storing the downloaded information in the nonvolatile memory; and displaying the information stored in the nonvolatile memory on a display panel of the portable data recording/reproducing apparatus.

5. The method as claimed in claim 4, wherein the predetermined information includes a data comprising phone number and/or memo.

6. The method as claimed in claim 5, wherein the data comprising the phone number includes at least a group and the group includes at least a phone number and a name.

7. The method as claimed in claim 5, wherein the data comprising the memo includes a file name and a memo string.

8. The method as claimed in claim 4, further comprising the step of updating the predetermined informa-

tion by using functions of editing, deleting and inserting.

9. The method as claimed in claim 4, further comprising the step of displaying the predetermined information on a monitor of the data providing apparatus in a form corresponding to a display format of the portable data recording/reproducing apparatus.

10. The method as claimed in claim 1, wherein the step d) includes the steps of: displaying recording file names on a display panel of the portable data recording/reproducing apparatus in response to a selection of voice recording mode; selecting an available file name from the displayed recording file names; transforming the voice signal from the microphone into an analog voice signal; converting the analog voice signal into a digital voice data; encoding the digital voice data by a pulse coded modulation method or an adaptive differential pulse coded modulation method; and storing the encoded voice data in the nonvolatile memory in a selected file name.

11. The method as claimed in claim 1, wherein the step f) includes the steps of: displaying file names on a display panel of the portable data recording/reproducing apparatus in response to a selection of voice reproducing mode; selecting a file from the displayed file names; reading the selected file from the nonvolatile memory; and decoding data of the read file by the predetermined method to output an analog audio signal for the audio output.

12. The method as claimed in claim 1, wherein the data providing apparatus is a computer and/or a data vending machine.

13. A portable data recording/reproducing apparatus, comprising:

an analog-to-digital converting means for converting an analog audio signal of a voice provided by a microphone into a digital audio signal;

a coding/decoding means for decoding an MP3 music file by MP3 decoding method, encoding the digital audio signal into a voice data file by a predetermined encoding method, and decoding the voice data file by a predetermined decoding method;

an interfacing means for interfacing download and upload of a data file between an external data providing apparatus and the portable data recording/reproducing apparatus;

an nonvolatile memory means for storing the encoded voice data file from the coding/decoding means and the data file from the data pro-

viding means at a designated address;

a key input means, including a plurality of function selection keys, for selecting a file to be reproduced into an audio signal from the non-volatile memory and for directing a predetermined function with a function selection keys;

a digital-to-analog converting means for converting a digital audio signal decoded by the coding/decoding means into an analog audio signal for an audio reproduction; and  
a control means, in response to an output signal of the key input means, for controlling a data communication between the data providing apparatus and the data recording/reproducing apparatus, reading and writing operations to the nonvolatile memory and a reproduction of a read-out file.

14. The apparatus as claimed in claim 13, further comprising a displaying means for displaying character data corresponding to the selected file by the key input means on a display panel.

15. The apparatus as claimed in claim 13, wherein the analog-to-digital converting means includes a built-in type microphone; a line-in jack; an amplifier for amplifying the analog audio signal from the microphone; and an analog-to-digital converter for converting the analog audio signal from the amplifier or the line-in jack into the digital audio signal.

16. The apparatus as claimed in claim 13, wherein the character data of the data providing apparatus is downloaded in a bit-map format.

17. The apparatus as claimed in claim 13, wherein the data file includes at least one of the MP3 music file, a phone number file and a memo file.

18. The apparatus as claimed in claim 13, wherein the voice data file is encoded either in a pulse coded modulation method or an adaptive differential pulse coded modulation.

19. The apparatus as claimed in claim 13, wherein the data providing apparatus is a computer and/or a data vending machine.

20. A system for recording and reproducing a digital data, comprising:

a computer, provided with an MP3 file management program, for performing download and upload of any kinds of computer files besides an MP3 music file and a recorded voice file through a parallel port; and  
an MP3 player for reproducing the MP3 music file while displaying information corresponding

to the MP3 music file, for recording a voice signal originated from a microphone in a form of digital voice file in a nonvolatile memory and reproducing the digital voice file if necessary, and for displaying information of phone numbers and memos, in response to user's key operations, wherein the MP3 player is connected to the computer through the parallel port, the MP3 music file and the information of the phone numbers and memos are downloaded from the computer to be stored in the nonvolatile memory.

21. The apparatus as claimed in claim 20, wherein the computer downloads the MP3 music file through Internet or a computer communication network.

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FIG. 1

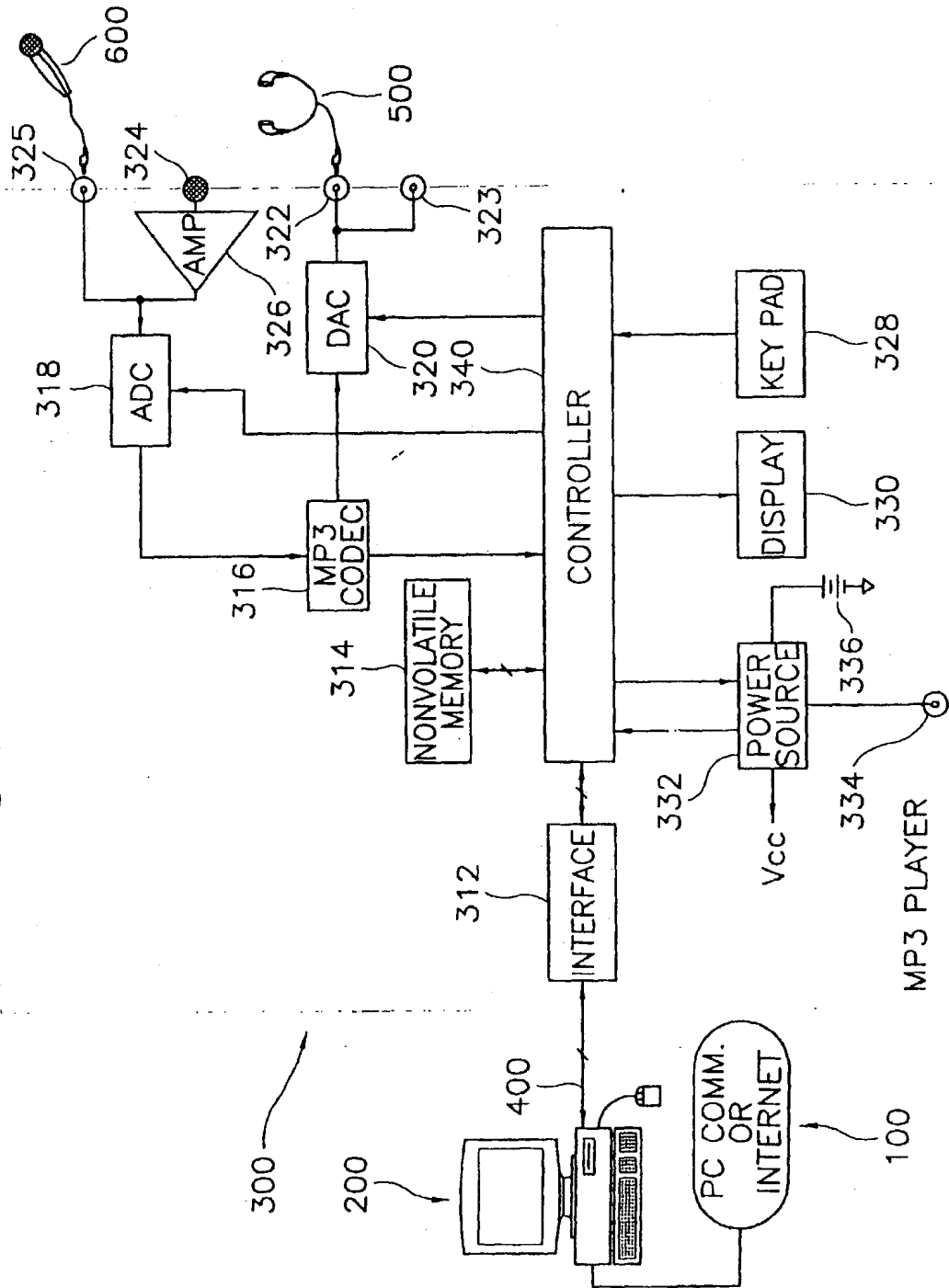


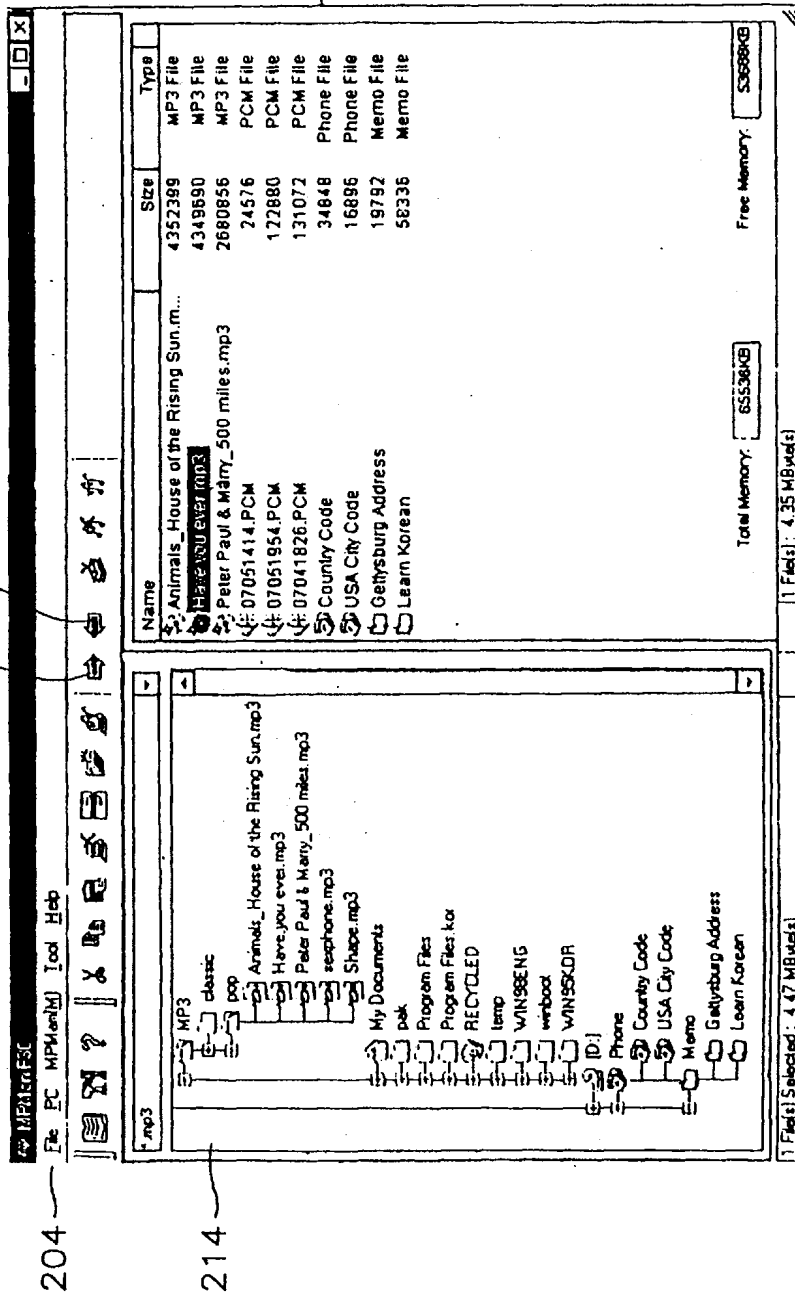


FIG. 2

202

218 220

216



204

214

FIG. 3

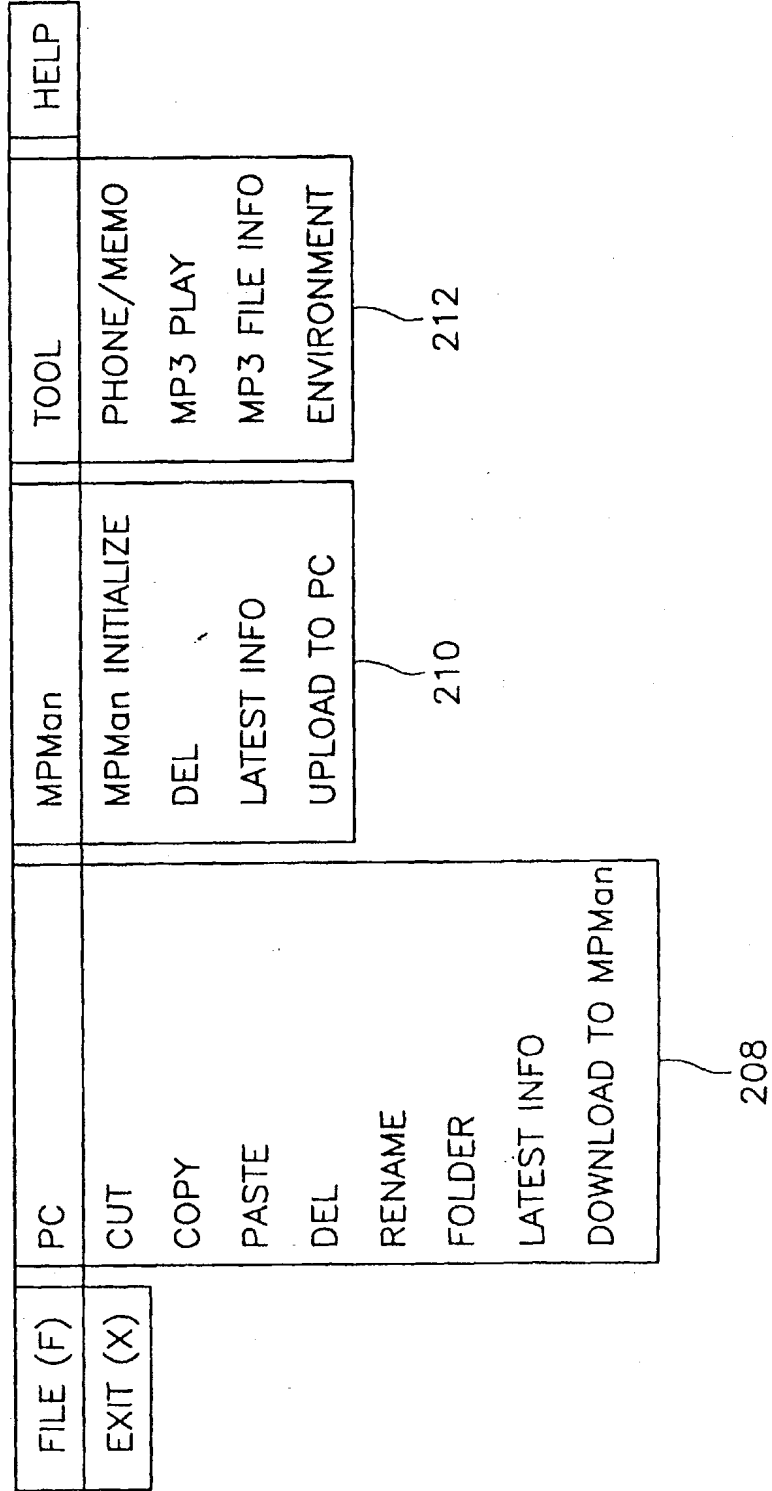
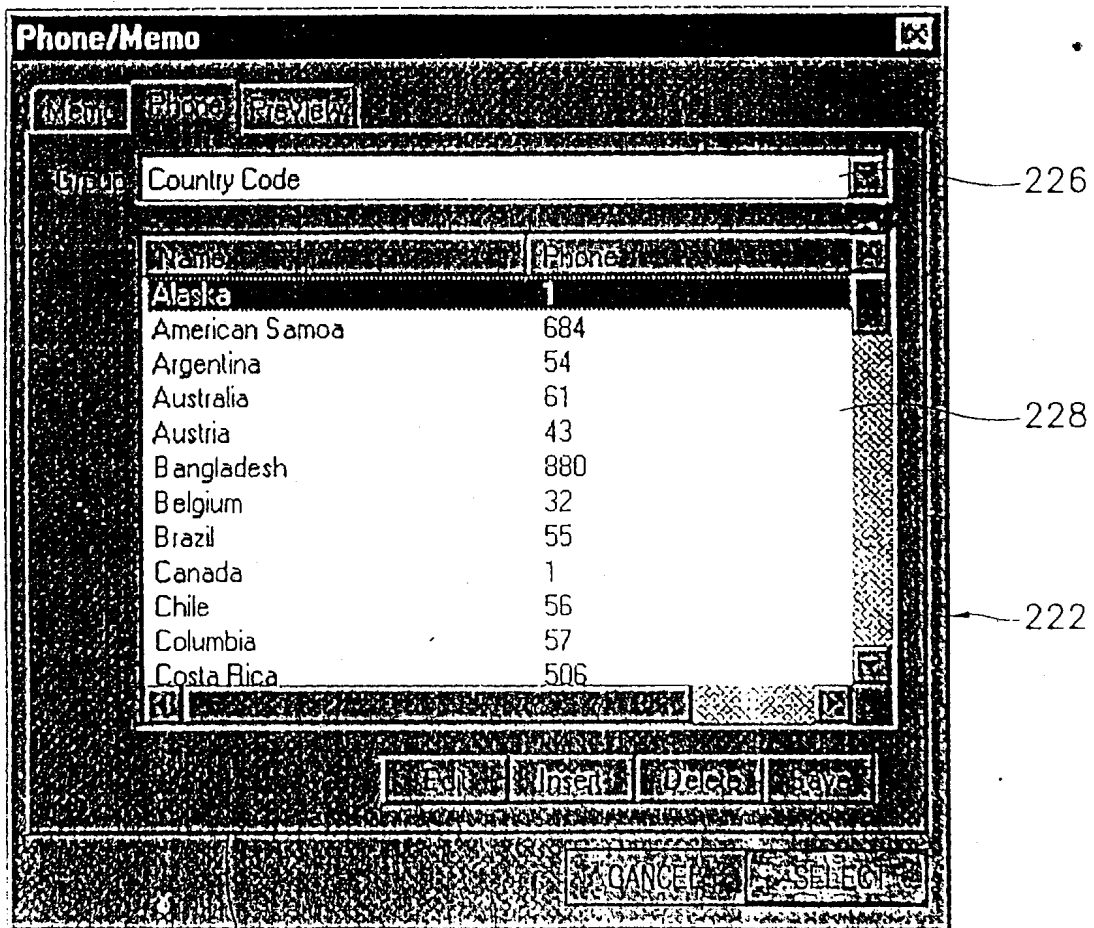


FIG. 4



223

FIG. 5

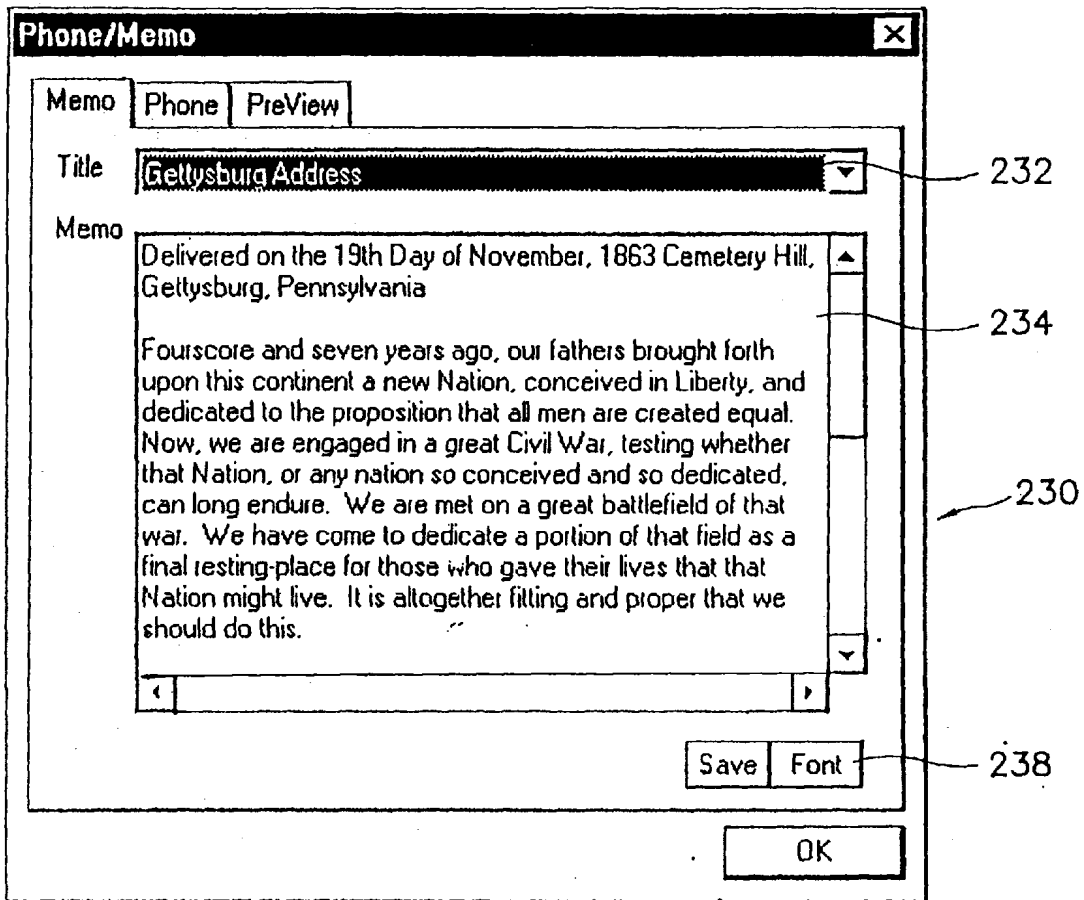


FIG. 6

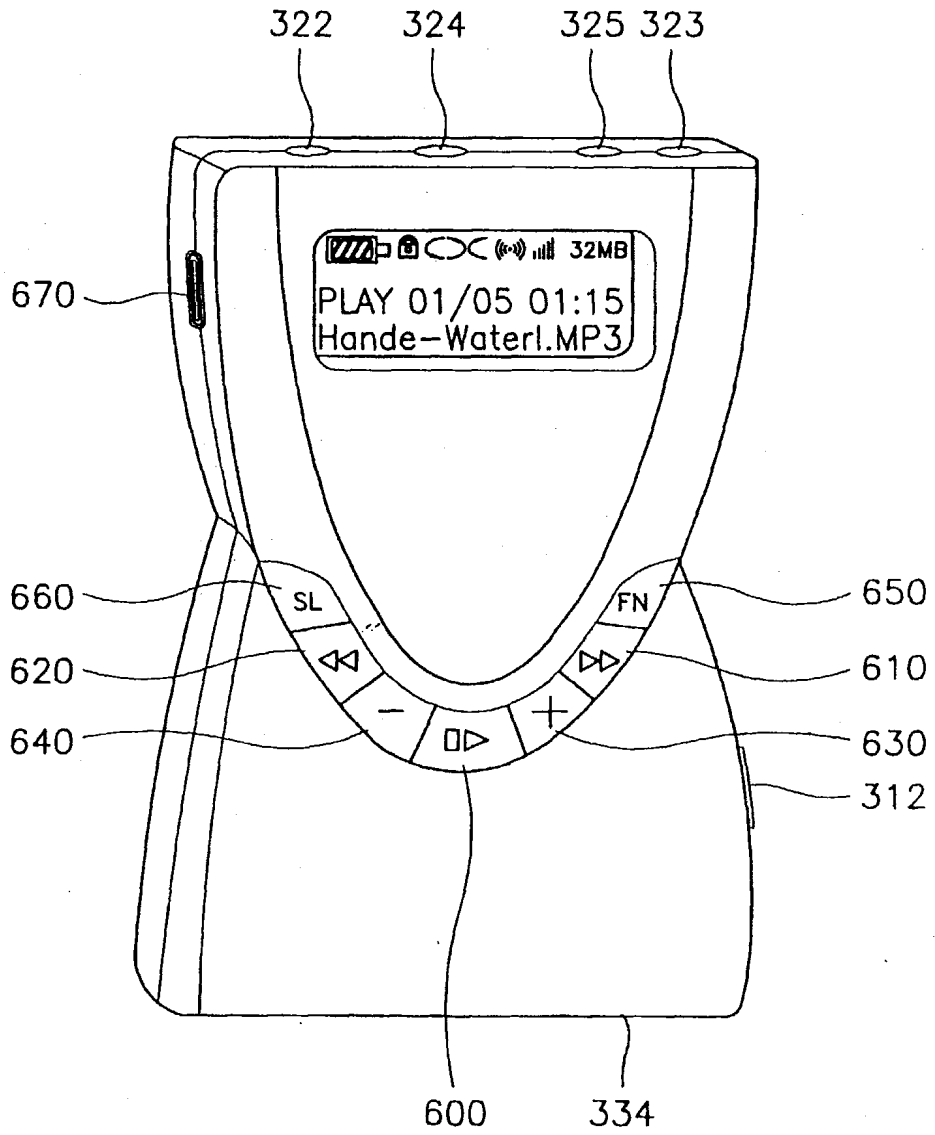


FIG. 7

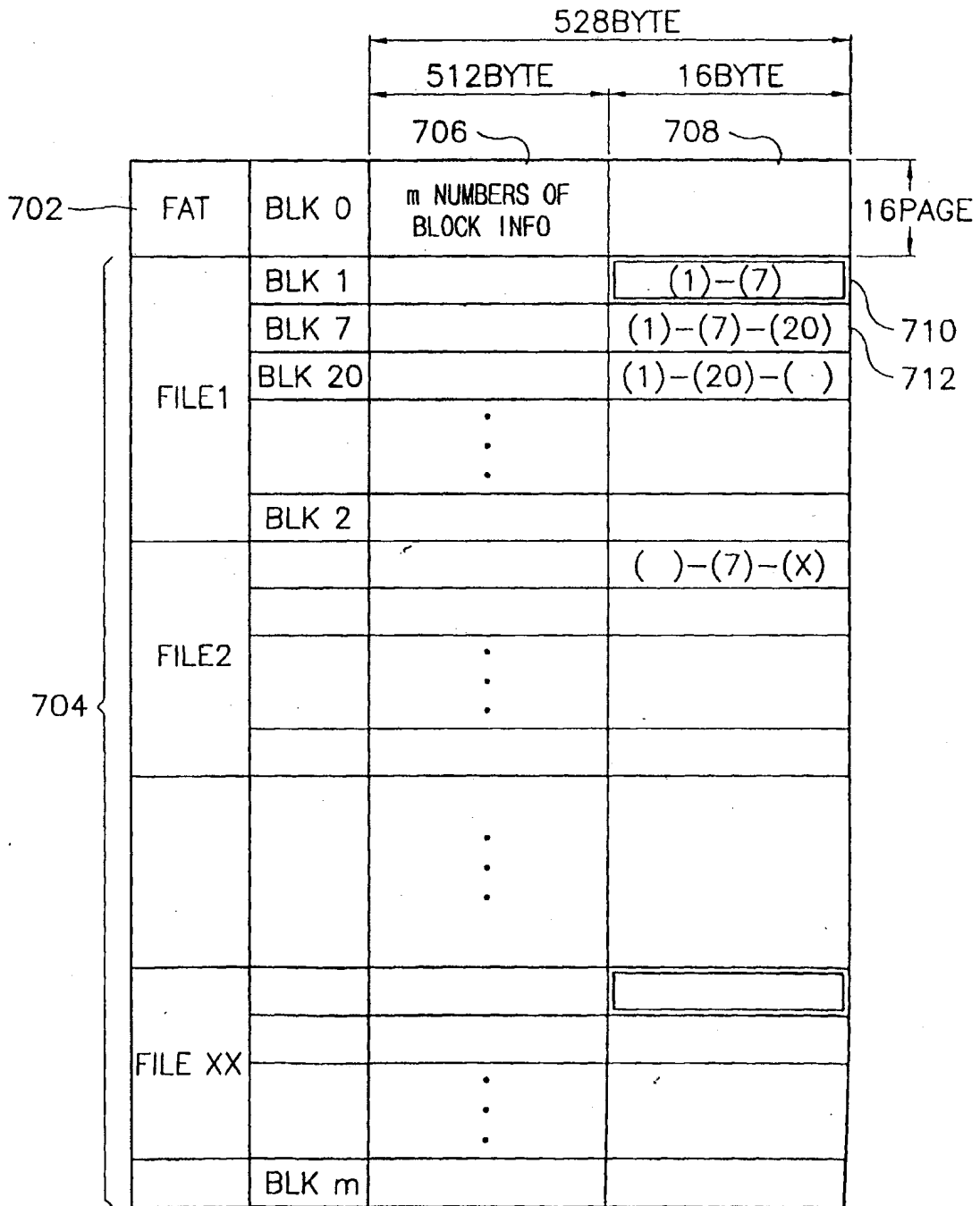


FIG. 8

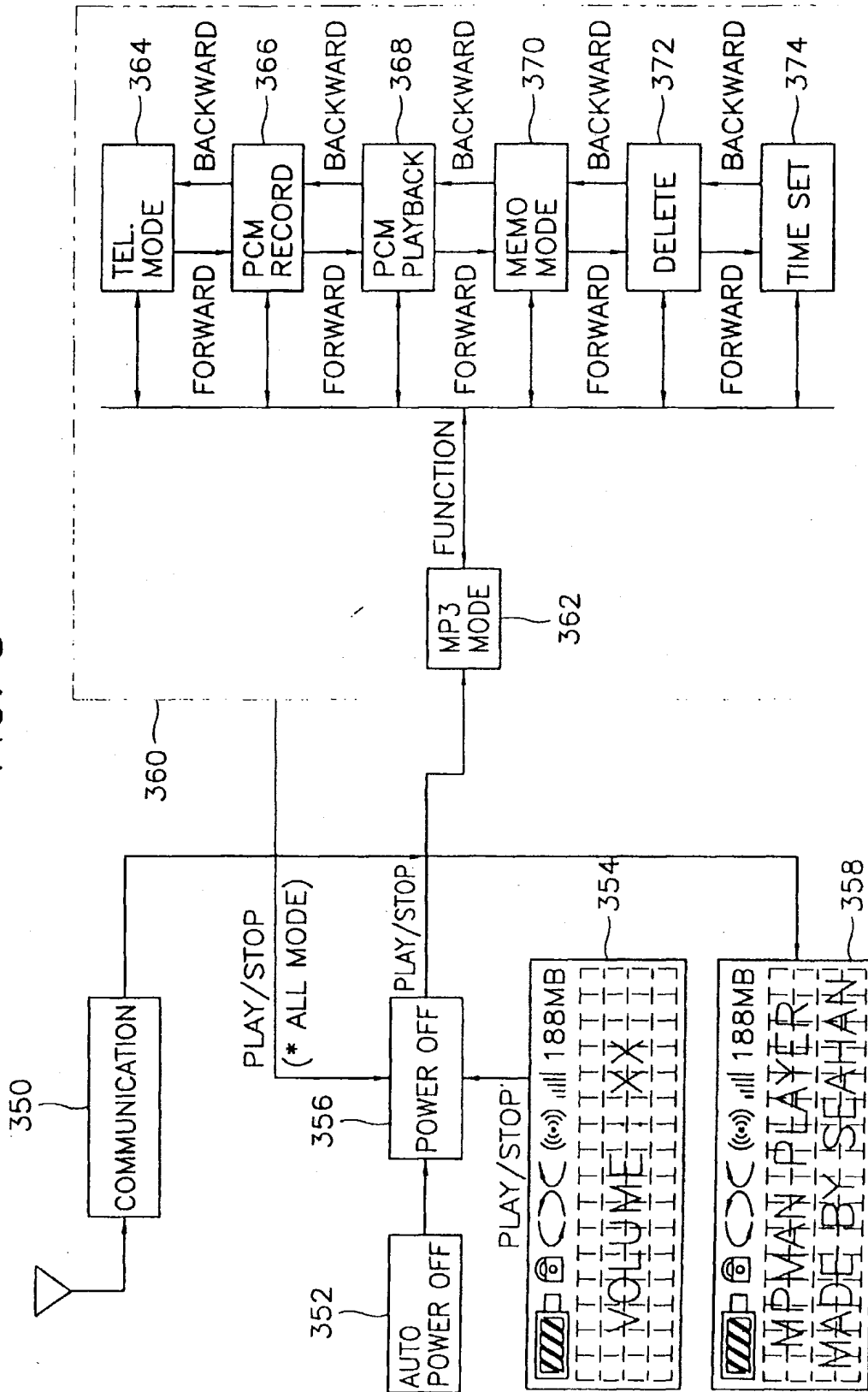


FIG. 9

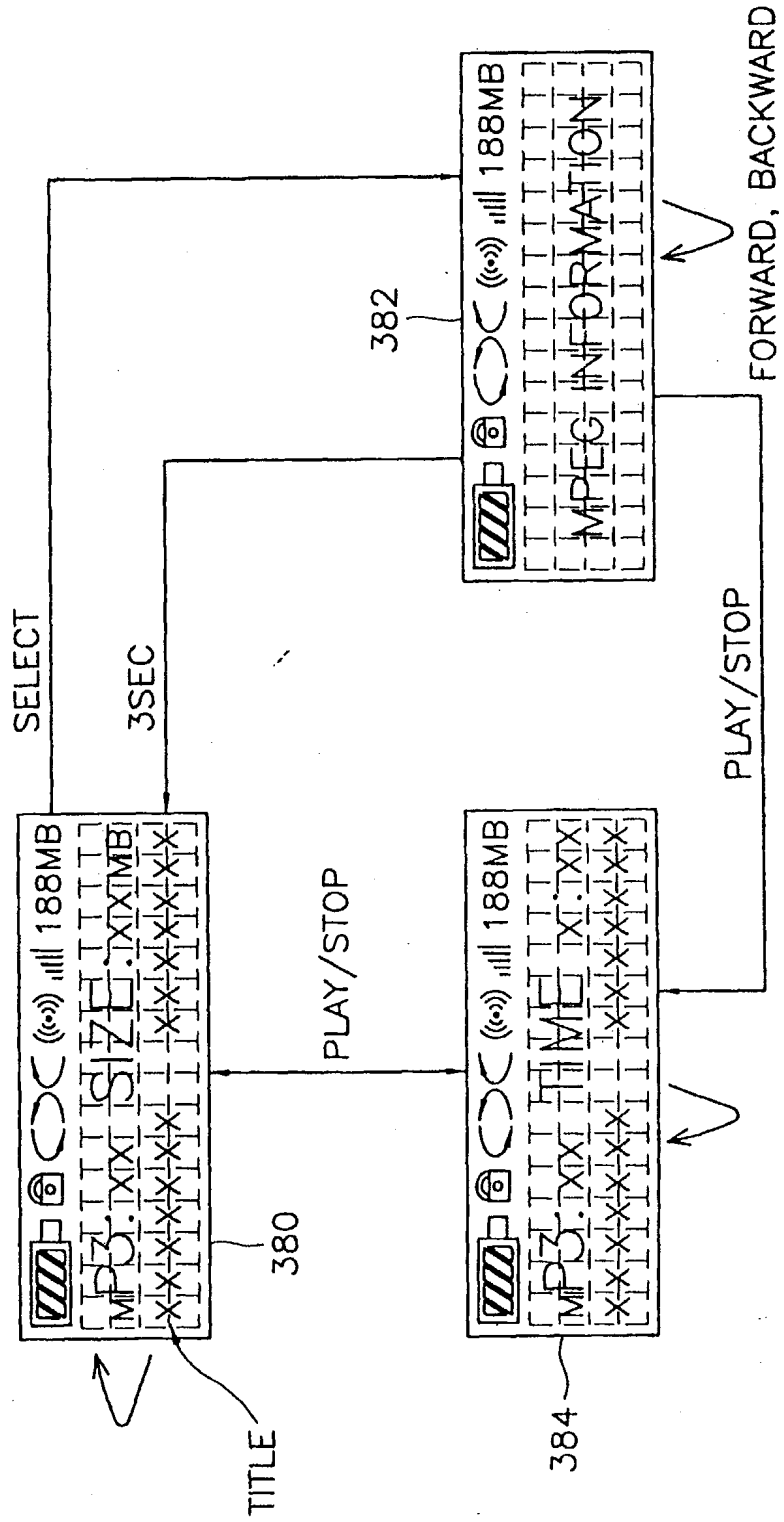




FIG. 10

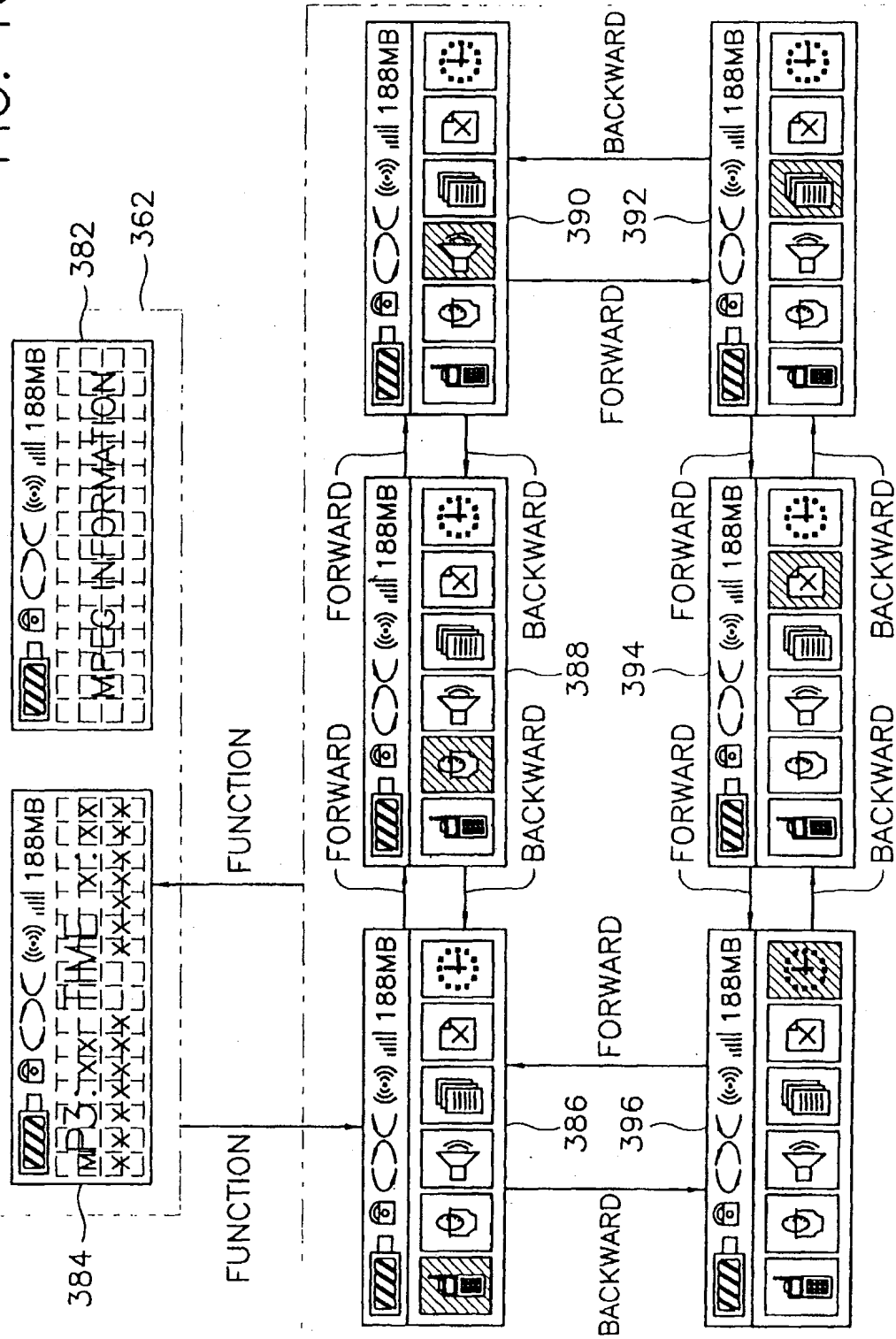


FIG. 11

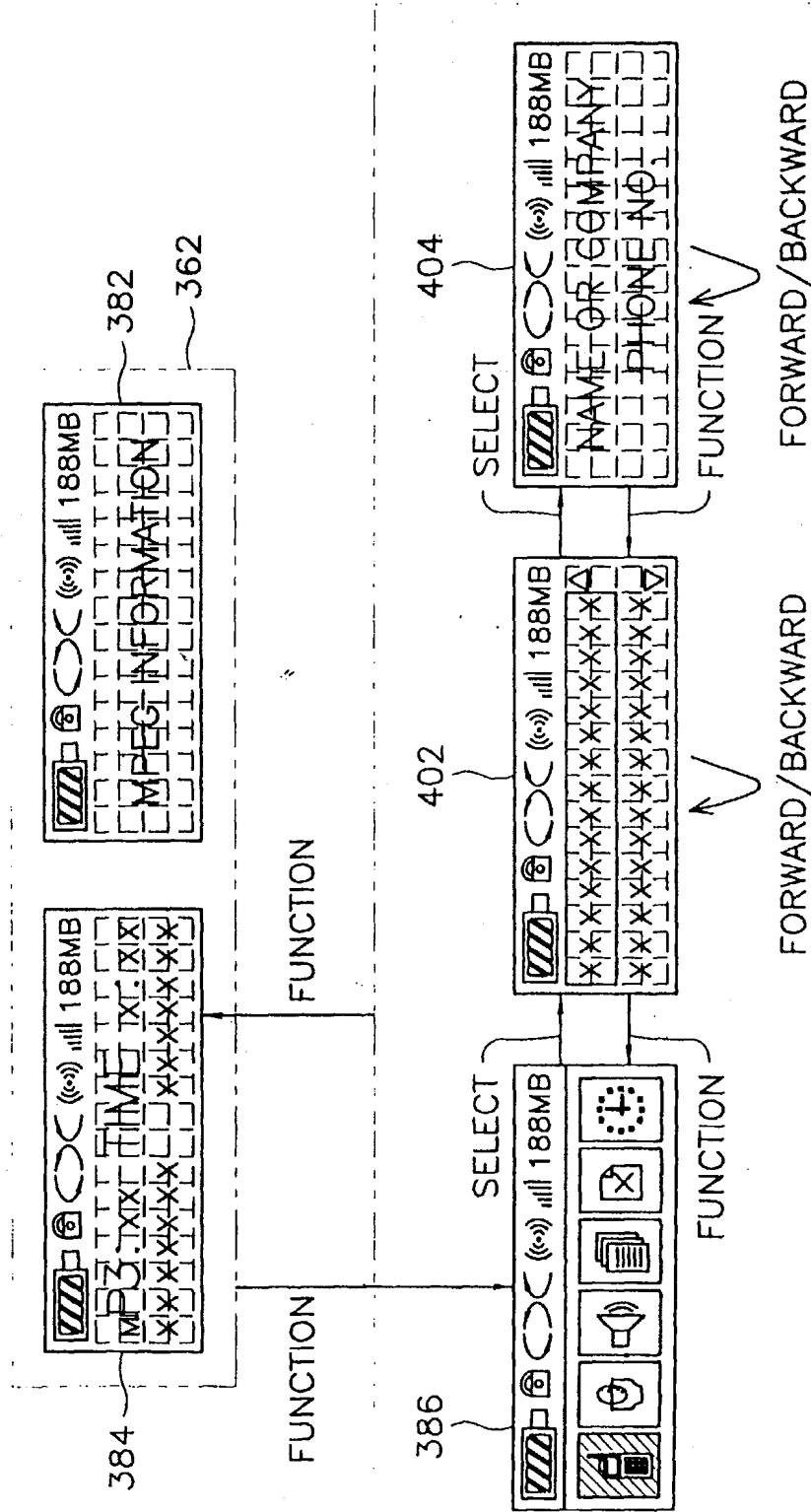


FIG. 12

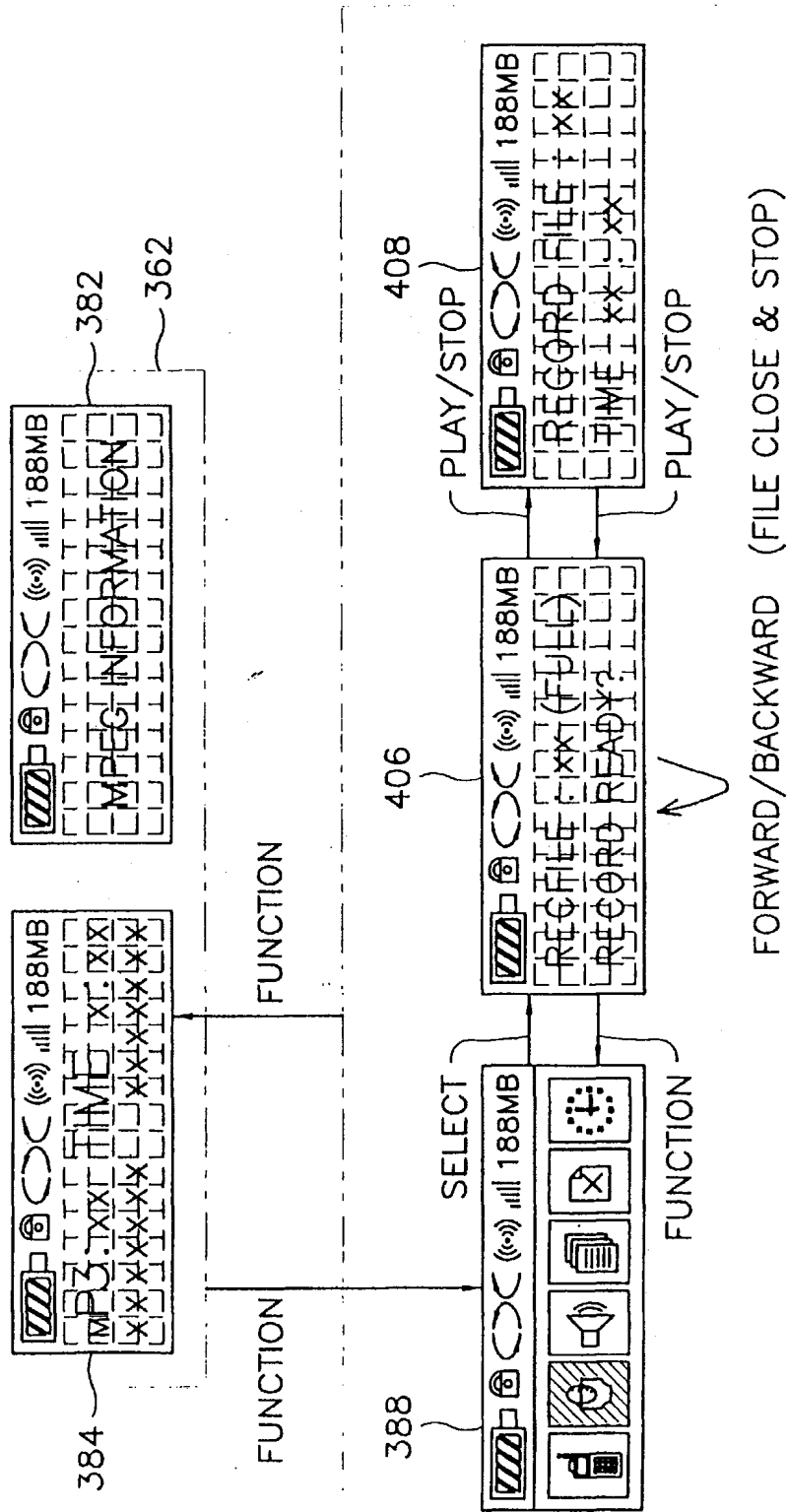


FIG. 13

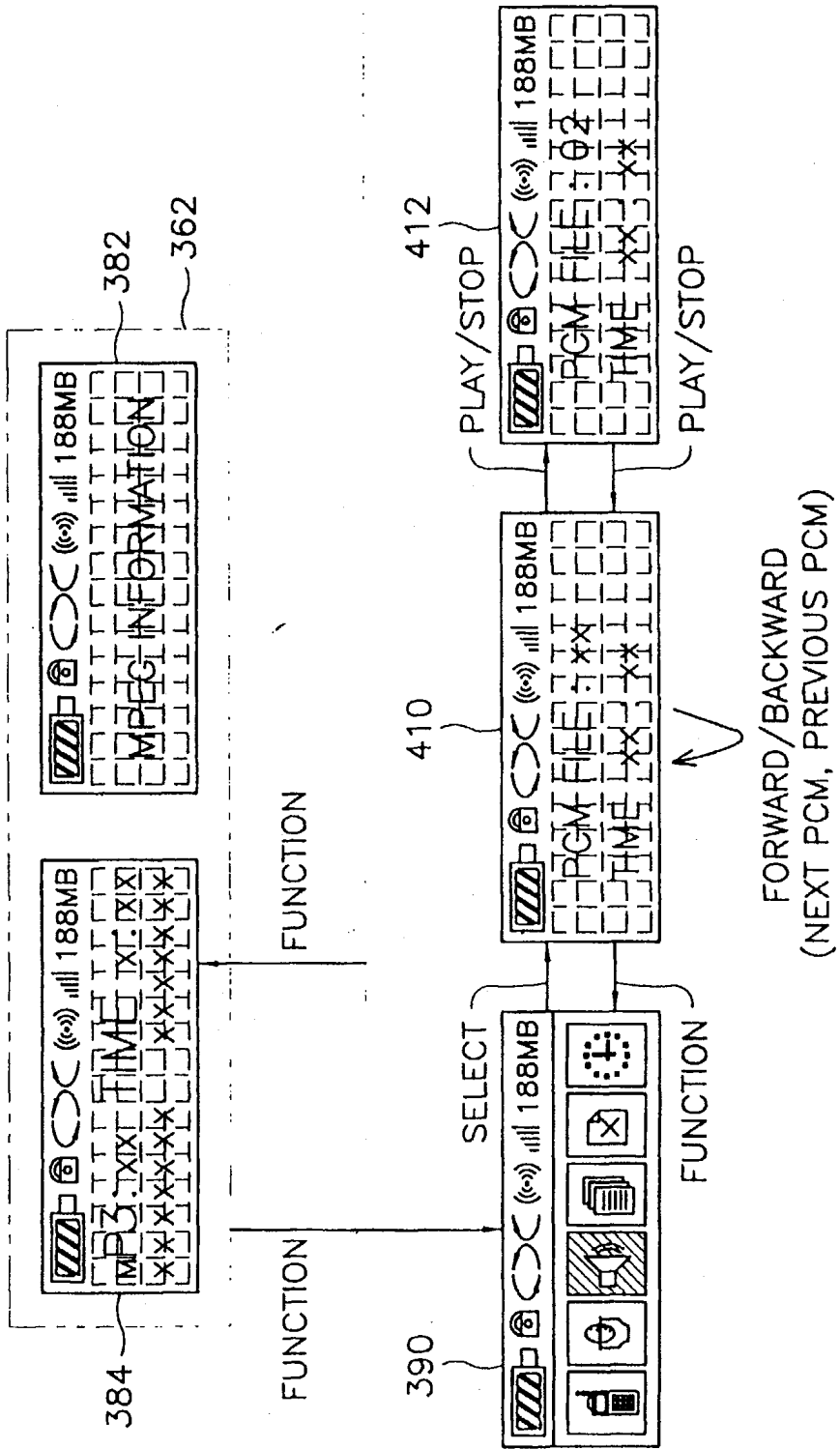


FIG. 14

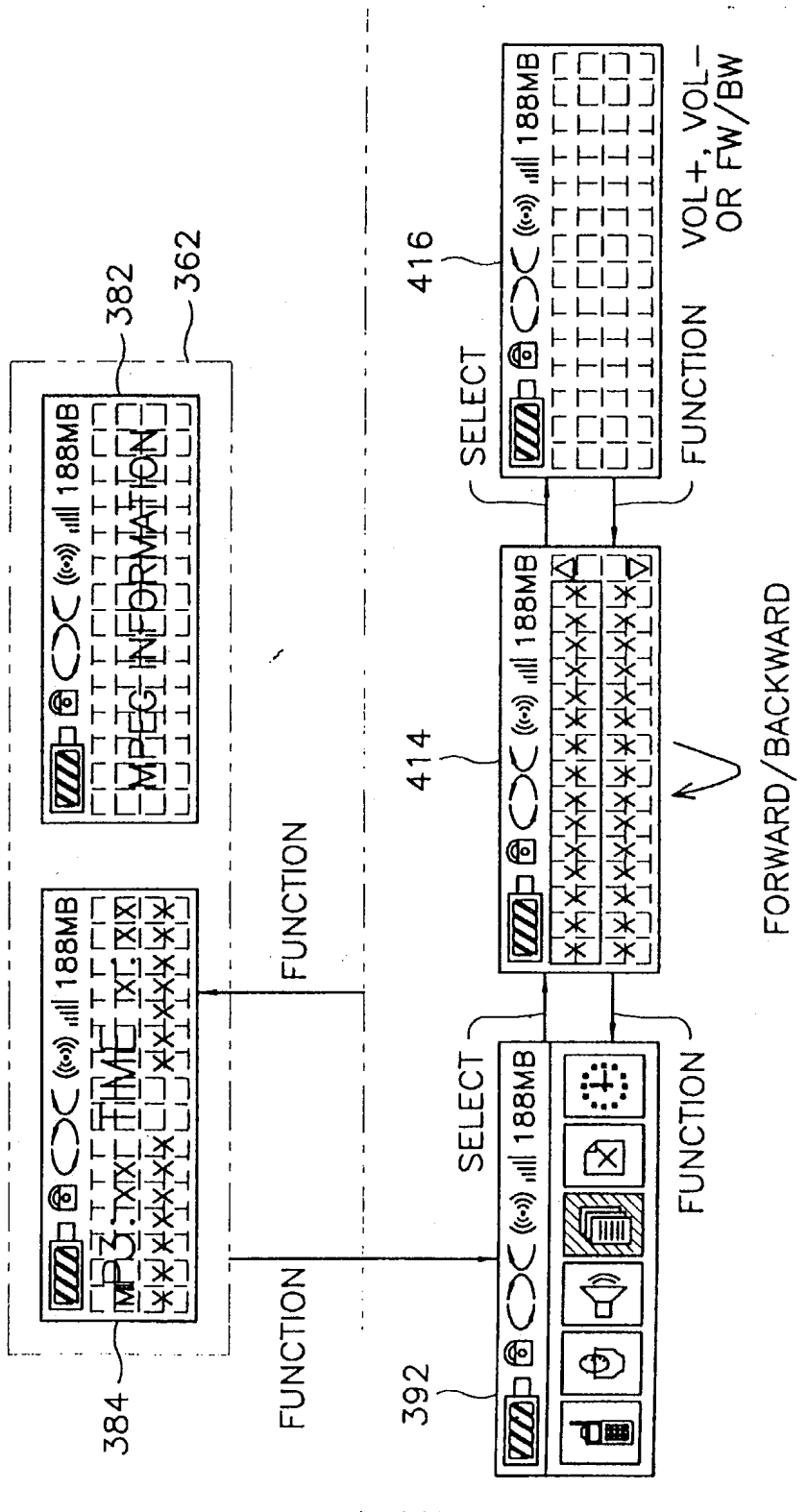


FIG. 15

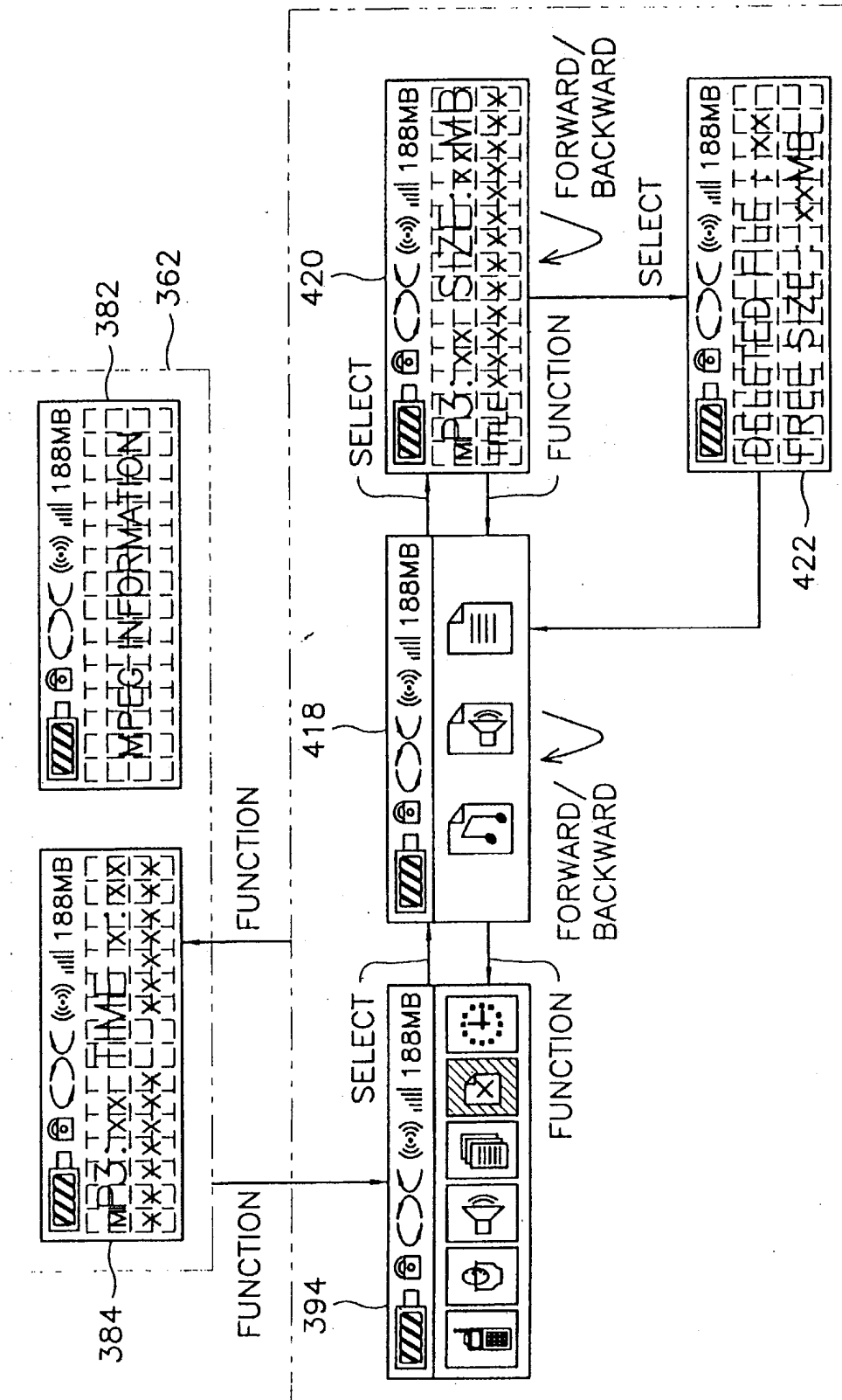
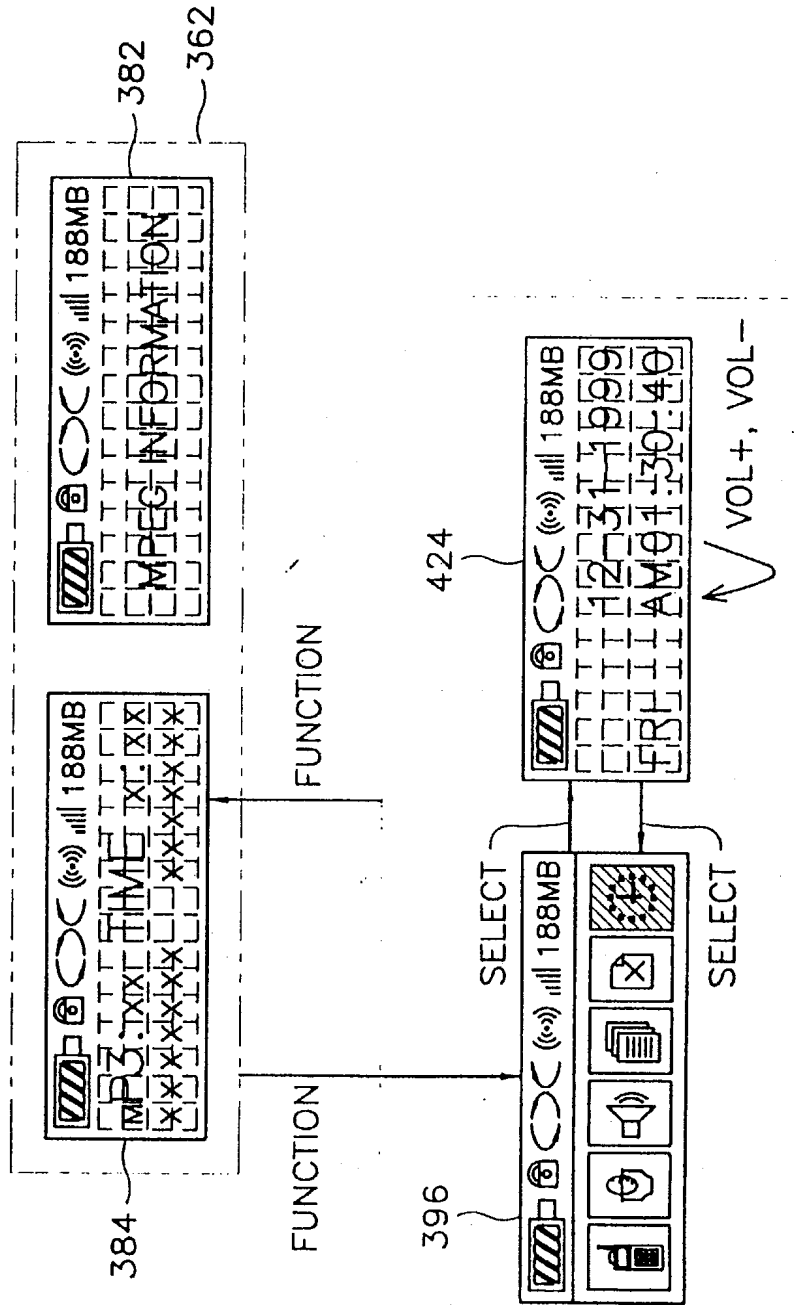


FIG. 16





European Patent Office

EUROPEAN SEARCH REPORT

Application Number  
EP 99 11 6520

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	WO 96 31042 A (MESSENGER GROUP L L C) 3 October 1996 (1996-10-03) * the whole document *	1,13,20	G11C7/00
A	WO 96 14615 A (ELONEX TECHNOLOGIES INC) 17 May 1996 (1996-05-17) * page 1-5 * * page 19, line 3-6 *	1,13,20	
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A	& KR 9 800 471 A (MOON KWANG-SU HWANG JUNG-HA) 30 March 1998 (1998-03-30)		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G11C
Place of search	Date of completion of the search	Examiner	
THE HAGUE	9 December 1999	Czarik, D	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 99 11 6520

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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09-12-1999

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EPO FORM P/459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	4966456
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	21906
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	AFF.0004C5US
<b>Receipt Date:</b>	13-MAR-2009
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<b>Time Stamp:</b>	17:09:06
<b>Application Type:</b>	Utility under 35 USC 111(a)

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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	AFF004C5USupplIDS.pdf	608116 <small>24b08426a78d11b5f34af8c1a0cc699d2062e07e4</small>	no	4

### Warnings:

### Information:

2	Foreign Reference	AFF004ForeignDocumentEP0982732.pdf	1238015	no	28
			4cb59c1d3c312d1c2d947629f698156184b8530d		
<b>Warnings:</b>					
<b>Information:</b>					
3	NPL Documents	AFF004NPLDocumentYamahaPt1.pdf	6674405	no	64
			066fb08b456f986817f723c422fb5744b60e8d7c		
<b>Warnings:</b>					
<b>Information:</b>					
4	NPL Documents	AFF004NPLDocumentYamahaPt2.pdf	3387918	no	55
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<b>Warnings:</b>					
<b>Information:</b>					
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<b>Warnings:</b>					
<b>Information:</b>					
6	NPL Documents	AFF004NPLDocumentYamahaPt4.pdf	3514544	no	55
			057a980fce7405f0048f4a03f21e1d5f52cd825		
<b>Warnings:</b>					
<b>Information:</b>					
7	NPL Documents	AFF004NPLDocumentYamahaPt5.pdf	2927631	no	59
			a4711ef196e58949fe0c9fb23ebc03e40d0a1844		
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			21469604		

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

**New Applications Under 35 U.S.C. 111**

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

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

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

**New International Application Filed with the USPTO as a Receiving Office**

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

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( 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	2618		
	Examiner Name	Unknown		
	Attorney Docket Number	AFF.004C5US		

U.S.PATENTS							Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
	1						

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Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
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	1							<input type="checkbox"/>

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NON-PATENT LITERATURE DOCUMENTS				Remove
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 <sup>5</sup>

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( 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	2618
	Examiner Name	Unknown
	Attorney Docket Number	AFF.004C5US

1	Affinity Labs of Texas, LLC, Plaintiff, v. BMW North America, LLC, et al., Defendants, C.A. No. 9:08-cv-00164-RC, Affinity's Infringement Contentions, with Infringement Chart Exhibits A-G.	<input type="checkbox"/>
2	Affinity Labs of Texas, LLC, Plaintiff, v. Alpine Electronics of America, Inc., et al., Defendants, C.A. No. 9:08-cv-00171-RC, Affinity's Infringement Contentions, with Infringement Chart Exhibits A-1 to G.	<input type="checkbox"/>
3	Affinity Labs of Texas, LLC, Plaintiff, v. Dice Electronics, LLC, et al., Defendants, C.A. No. 9:08-cv-00171-RC, Affinity's Infringement Contentions, with Infringement Chart Exhibits A-C.	<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.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> 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		12015320	
Filing Date		2008-01-16	
First Named Inventor	Russell W. White, et al.		
Art Unit	2618		
Examiner Name	Unknown		
Attorney Docket Number	AFF.004C5US		

**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)	2009-02-17
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.



## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	4801961
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	21906
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	AFF.0004C5US
<b>Receipt Date:</b>	17-FEB-2009
<b>Filing Date:</b>	16-JAN-2008
<b>Time Stamp:</b>	12:20:26
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	AFF004C5USupplIDS.pdf	608030 <small>66546a53646de9b3e4ffd0cbf8a22b05b5d ed2c</small>	no	4

### Warnings:

### Information:

A U.S. Patent Number Citation or a U.S. Publication Number Citation is required in the Information Disclosure Statement (IDS) form for autoloading of data into USPTO systems. You may remove the form to add the required data in order to correct the Informational Message if you are citing U.S. References. If you chose not to include U.S. References, the image of the form will be processed and be made available within the Image File Wrapper (IFW) system. However, no data will be extracted from this form. Any additional data such as Foreign Patent Documents or Non Patent Literature will be manually reviewed and keyed into USPTO systems.

2	NPL Documents	AFF004Ref1BMWContentionEx A-B.pdf	1860893 2df4342dd6c3f3affbb266b8c15850895479 c09e	no	40
<b>Warnings:</b>					
<b>Information:</b>					
3	NPL Documents	AFF004Ref1BMWContentionEx C-E.pdf	1962227 b75fc28de7e161f67c5bdb1aa9c93c144664 d7cf	no	42
<b>Warnings:</b>					
<b>Information:</b>					
4	NPL Documents	AFF004Ref1BMWContentionEx F-G.pdf	1319858 1ea724eef2d769058aa7db34159c50d5c57 454b8	no	28
<b>Warnings:</b>					
<b>Information:</b>					
5	NPL Documents	AFF004Ref2AlpineContentionE xA1-A2.pdf	1608733 8d6f0fe00c60885e3ae40582c557da597119 b65d	no	33
<b>Warnings:</b>					
<b>Information:</b>					
6	NPL Documents	AFF004Ref2AlpineContentionE xB1-C.pdf	1657844 87f02a2b79b2908dbcf15213fd0eedcb02a2 2ea2	no	35
<b>Warnings:</b>					
<b>Information:</b>					
7	NPL Documents	AFF004Ref2AlpineContentionE xD1-E2.pdf	2103917 f3e513ae0085d12ed5c8d75514566b55955 6f766	no	43
<b>Warnings:</b>					
<b>Information:</b>					
8	NPL Documents	AFF004Ref2AlpineContentionE xF1-G.pdf	1447942 034898eccf646a9a6ff1c7b1c8ef4b2a2fa582 9da	no	30
<b>Warnings:</b>					
<b>Information:</b>					
9	NPL Documents	AFF004Ref3DiceContentionExA -C.pdf	2028530 c0d6725d37e7c256247adb183fb97542612 1dd56	no	42
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>					14597974

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**New Applications Under 35 U.S.C. 111**

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

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

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**New International Application Filed with the USPTO as a Receiving Office**

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



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/015,320	01/16/2008	Russell W. White	AFF.0004C5US	2156
21906	7590	02/03/2009	EXAMINER	
TROP, PRUNER & HU, P.C. 1616 S. VOSS ROAD, SUITE 750 HOUSTON, TX 77057-2631			GARY, ERIKA A	
			ART UNIT	PAPER NUMBER
			2617	
			MAIL DATE	DELIVERY MODE
			02/03/2009	PAPER

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

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

**Office Action Summary**

<b>Application No.</b> 12/015,320	<b>Applicant(s)</b> WHITE ET AL.	
<b>Examiner</b> Erika A. Gary	<b>Art Unit</b> 2617	

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

**Period for Reply**

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

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

**Status**

- 1)  Responsive to communication(s) filed on 18 November 2008.
- 2a)  This action is **FINAL**.                      2b)  This action is non-final.
- 3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4)  Claim(s) 21-45 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5)  Claim(s) \_\_\_\_\_ is/are allowed.
- 6)  Claim(s) 21-45 is/are rejected.
- 7)  Claim(s) \_\_\_\_\_ is/are objected to.
- 8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

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

**Priority under 35 U.S.C. § 119**

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

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

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>1/16/08; 4/10/08; 4/24/08; 11/14/08; 12/2/08; 1/16/09.</u> | 6) <input type="checkbox"/> Other: _____  |



## DETAILED ACTION

### *Claim Rejections - 35 USC § 112*

1. 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.

2. Claims 21-45 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. Specifically, Applicant is claiming a digital satellite receiver in independent claims 21, 31, and 39. However, there is no mention in the specification of a digital satellite receiver. Applicant only briefly mentions that the communication network used can be a digital satellite network [paragraph 0029]. There is no disclosure in the specification for a receiving streaming audio from the digital satellite network. The disclosure only teaches receiving streaming audio from the Internet [paragraph 0041-0042]. In independent claim 31, Applicant also claims setting up an account to deliver a streaming audio signal receivable by a digital satellite receiver. However, there is no teaching in the specification for setting up such an account.

### *Conclusion*

Art Unit: 2617

3. 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/  
January 30, 2009

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





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UNITED STATES DEPARTMENT OF COMMERCE  
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 Alexandria, Virginia 22313-1450  
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BIB DATA SHEET

CONFIRMATION NO. 2156

<b>SERIAL NUMBER</b> 12/015,320	<b>FILING or 371(c) DATE</b> 01/16/2008 <b>RULE</b>	<b>CLASS</b> 455	<b>GROUP ART UNIT</b> 2617	<b>ATTORNEY DOCKET NO.</b> AFF.0004C5US	
<b>APPLICANTS</b> Russell W. White, Austin, TX; Kevin R. Imes, Austin, TX; <b>** CONTINUING DATA *****</b> This application 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 <b>** FOREIGN APPLICATIONS *****</b> <b>** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY **</b> 02/04/2008					
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input type="checkbox"/> No Verified and Acknowledged <u>/ERIKA A GARY/</u> Examiner's Signature	<input type="checkbox"/> Met after Allowance Initials	<b>STATE OR COUNTRY</b> TX	<b>SHEETS DRAWINGS</b> 9	<b>TOTAL CLAIMS</b> 20	<b>INDEPENDENT CLAIMS</b> 3
<b>ADDRESS</b> TROP, PRUNER & HU, P.C. 1616 S. VOSS ROAD, SUITE 750 HOUSTON, TX 77057-2631 UNITED STATES					
<b>TITLE</b> Method for Managing Media					
<b>FILING FEE RECEIVED</b> 565	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	((("7324833") or ("7187947") or ("7440772")).PN.	USPAT	OR	OFF	2009/01/30 13:23
L2	0	1 and (digital adj satellite adj receiver)	USPAT	OR	ON	2009/01/30 13:25
L3	0	1 and (digital adj satellite adj receiv\$3)	USPAT	OR	ON	2009/01/30 13:26
L4	0	1 and (account with streaming adj audio)	USPAT	OR	ON	2009/01/30 13:26
L5	0	1 and (account with streaming )	USPAT	OR	ON	2009/01/30 13:26
L6	0	1 and (account with satellite)	USPAT	OR	ON	2009/01/30 13:26
L7	3	1 and (streaming adj audio)	USPAT	OR	ON	2009/01/30 13:27
L8	0	1 and (streaming adj audio with satellite)	USPAT	OR	ON	2009/01/30 13:27
L9	3	1 and (streaming adj audio with internet)	USPAT	OR	ON	2009/01/30 13:27
L10	0	1 and ((subscription or account) with streaming adj audio)	USPAT	OR	ON	2009/01/30 13:28
L11	0	1 and ((subscription or account or subscrib\$3) with streaming adj audio)	USPAT	OR	ON	2009/01/30 13:28
L12	0	1 and ((subscription or account or subscrib\$3) with satellite)	USPAT	OR	ON	2009/01/30 13:28
L13	3	((("6396164") or ("6255961") or ("6282464")).PN.	USPAT	OR	OFF	2009/01/30 13:38
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 recharge \$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)  
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button)) or touchscreen or  
touch adj screen))

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
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Application Number		
Filing Date		
First Named Inventor	Russell W. White	
Art Unit		
Examiner Name	Unknown	
Attorney Docket Number	111111.1111-5C	

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Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	7149772		2006-12-12	Kalavade, Asawaree P	
	2	7145898		2006-12-05	Elliott, Isaac K.	
	3	7130807		2006-10-31	Mikurak, Michael G.	
	4	7124101		2006-10-17	Mikurak, Michael G.	
	5	6978127		2005-10-20	Bulthuis et al.	
	6	6909708		2005-06-21	Krishnaswamy et al.	
	7	6904449		2005-06-07	Quinones; David B.	
	8	6901067		2005-05-31	Kalavade; Asawaree P.	

Receipt date: 01/16/2008

Application Number		
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First Named Inventor	Russell W. White	
Art Unit		
Examiner Name	Unknown	
Attorney Docket Number	1111111.1111-5C	

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( Not for submission under 37 CFR 1.99)

9	6888929		2005-05-03	Saylor et al.	
10	6842906		2005-01-11	Bowman-Amuah; Michel K.	
11	6792086		2005-04-04	Saylor et al.	
12	6754181		2004-09-04	Elliott et al.	
13	6742015		2004-05-25	Bowman-Amuah; Michel K.	
14	6731625		2004-05-04	Eastep et al.	
15	6715145		2004-03-30	Bowman-Amuah; Michel K.	
16	6707889		2004-03-16	Saylor et al.	
17	6697824		2004-02-24	Bowman-Amuah; Michel K.	
18	6671818		2003-12-20	Mikurak; Michael G.	
19	6640249		2003-10-28	Bowman-Amuah; Michel K.	

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20	6640244		2003-10-28	Bowman-Amuah; Michel K.	
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22	6636242		2003-10-21	Bowman-Amuah; Michel K.	
23	6615253		2003-09-02	Bowman-Amuah; Michel K.	
24	6615199		2003-09-02	Bowman-Amuah; Michel K.	
25	6606744		2003-08-12	Mikurak; Michael G.	
26	6606660		2003-08-12	Bowman-Amuah; Michel K.	
27	6601234		2003-07-29	Bowman-Amuah; Michel K.	
28	6601192		2003-07-29	Bowman-Amuah; Michel K.	
29	6578068		2003-07-10	Bowman-Amuah; Michel K.	

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Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6571282		2003-07-57	Bowman-Amuah; Michel K.	
	2	6550057		2003-04-15	Bowman-Amuah; Michel K.	
	3	6549949		2003-04-15	Bowman-Amuah; Michel K.	
	4	6539396		2003-03-25	Bowman-Amuah; Michel K.	
	5	6529948		2003-03-04	Bowman-Amuah; Michel K.	
	6	6529909		2003-03-04	Bowman-Amuah; Michel K.	
	7	6502213		2002-12-31	Bowman-Amuah; Michel K.	
	8	6501832		2002-12-31	Saylor et al.	



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Examiner Name	Unknown	
Attorney Docket Number	111111.1111-5C	

9	6496850		2002-12-17	Bowman-Amuah; Michel K.	
10	6477665		2002-11-05	Bowman-Amuah; Michel K.	
11	6477580		2002-11-05	Bowman-Amuah; Michel K.	
12	6442748		2002-08-27	Bowman-Amuah; Michel K.	
13	6438594		2002-08-20	Bowman-Amuah; Michel K.	
14	6434628		2002-08-13	Bowman-Amuah; Michel K.	
15	6434568		2002-08-13	Bowman-Amuah; Michel K.	
16	6339832		2002-01-15	Bowman-Amuah; Michel K.	
17	6335927		2002-01-01	Elliott et al.	
18	6332163		2001-12-18	Bowman-Amuah; Michel K.	
19	6289382		2001-09-11	Bowman-Amuah; Michel K.	

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First Named Inventor	Russell W. White	
Art Unit		
Examiner Name	Unknown	
Attorney Docket Number	111111.1111-5C	

20	6253061		2001-06-26	Helferich; Richard J.	
21	6233430		2001-05-15	Helferich; Richard J.	
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23	5999525		1999-12-07	Krishnaswamy et al.	
24	5867494		1999-02-02	Krishnaswamy et al.	
25	5732216		1998-03-24	Logan et al.	
26	5721827		1998-02-24	Logan et al.	

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	Filing Date		
	First Named Inventor	Russell W. White	
	Art Unit		
	Examiner Name	Unknown	
	Attorney Docket Number	1111111.1111-5C	

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> i	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
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Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (12-08)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( 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	2618
	Examiner Name	Unknown
	Attorney Docket Number	AFF.004C5US

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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	2618	
Examiner Name	Unknown	
Attorney Docket Number	AFF.004C5US	

1	Affinity Labs of Texas, LLC, Plaintiff, v. DICE Electronics, LLC; et al., Defendants, C.A. No. 9:08-cv-00163 (Eastern District of Texas), Defendants' Motion To Stay Litigation Pending Reexamination, Filed January 12, 2009, Pages 1-15.	<input type="checkbox"/>
2	Declaration Of John M. Jackson In Support Of Defendants' Motion To Stay Litigation Pending Reexamination, Filed on January 12, 2009, Pages 1-2.	<input type="checkbox"/>
3	Exhibit B to Defendants' Motion to Stay Litigation Pending Reexamination (Ex Parte Reexamination Communication Transmittal Form and Order Granting Request For Ex Parte Reexamination, Issued by the U.S. Patent and Trademark Office on December 12, 2008, Pages 1-16).	<input type="checkbox"/>
4	Exhibit C to Defendants' Motion to Stay Litigation Pending Reexamination (Affinity Labs of Texas website, <a href="http://www.affinlabstx.com/">http://www.affinlabstx.com/</a> , printed on December 29, 2008, Filed on January 12, 4 pages total).	<input type="checkbox"/>
5	Exhibit D to Defendants' Motion to Stay Litigation Pending Reexamination (United States Patent and Trademark Office, Ex Parte Reexamination Filing Data, September 30, 2008, Pages 1-2).	<input type="checkbox"/>
6	Affinity Labs of Texas, LLC, Plaintiff, v. BMW North America, LLC, et al., Civil Action No. 9:08-cv-00164 RC (Defendants' Joint Motion To Stay Litigation Pending Reexamination, Filed on January 13, 2009, Pages 1-8).	<input type="checkbox"/>
7	Proposed Order On Defendants' Motion To Stay Litigation Pending Reexamination, Filed on January 13, 2009, 1 page total.	<input type="checkbox"/>


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<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

<b>Search Notes</b>  	<b>Application/Control No.</b>  12015320	<b>Applicant(s)/Patent Under Reexamination</b>  WHITE ET AL.
	<b>Examiner</b>  Erika A Gary	<b>Art Unit</b>  2617

<b>SEARCHED</b>			
<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>
	see EAST search attached	1/30/09	EAG

<b>SEARCH NOTES</b>		
<b>Search Notes</b>	<b>Date</b>	<b>Examiner</b>
searched parent case for current claim terms - see EAST search attached	1/30/09	EAG

<b>INTERFERENCE SEARCH</b>			
<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		12015320
	Filing Date		2008-01-16
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	Art Unit		2618
	Examiner Name	GELIN, Jean Alland	
	Attorney Docket Number		1111111.1111-5C

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Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
	1	7065342	B1	2006-06-20	Rolf, Devon A.		
	2	6694200	B2	2004-02-17	Naim, Ari B.		
	3	6587835	B1	2003-07-01	Treyz et al.		
	4	6510210	B1	2003-01-21	Baughan, Kevin J.		
	5	6509716	B2	2003-01-21	Yi, Sang		
	6	6496692	B2	2002-12-17	Shanahan, Michael E.		
	7	6396769	B1	2002-05-28	Polany, Rany		
	8	6240297	B1	2001-05-29	Jadoul, Marc		

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10	6061306		2000-05-09	Buchheim, James	
11	5953659		1999-09-14	Ghisler, Walter	
12	5940767		1999-08-17	Bourgeois et al.	
13	5870680		1999-02-09	Guerlin et al.	
14	5774793		1998-06-30	Cooper et al.	
15	5587560		1996-12-24	Crooks et al.	
16	5586090		1996-12-17	Otte, William C.	
17	5450471		1995-09-12	Hanawa et al.	
18	5307326		1994-04-26	Osawa, Shoichi	
19	4905272		1990-02-27	Van de Mortel et al.	

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20	7020704	B1	2006-03-28	Lipscomb et al.	
21	7343414	B2	2008-03-11	Lipscomb et al.	

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	1	20030008646	A1	2003-01-09	Shanahan, Michael E.	
	2	20050010633	A1	2005-01-13	Shanahan, Michael E.	

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PTO/SB08/a filed 04/10/2008

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	4	6510210	B1	2003-01-21	Baughan, Kevin J.	
	5	6509716	B2	2003-01-21	Yi, Sang	
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Samsung Ex. 1320 p. 3765

Receipt date: 04/24/2008

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
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Application Number	12015320
Filing Date	2008-01-16
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	GELIN, Jean Alland
Attorney Docket Number	1111111.1111-5C

*PTO/SB08/a filed 04/10/2008*

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10	6061306		2000-05-09	Buchheim, James
11	5953659		1999-09-14	Ghisler, Walter
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14	5774793		1998-06-30	Cooper et al.
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16	5586090		1996-12-17	Otte, William C.
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Samsung Ex. 1320 p. 3766

Receipt date: 04/24/2008

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		12015320	
	Filing Date		2008-01-16	
	First Named Inventor	Russell W. White		
	Art Unit	2618		
	Examiner Name	GELIN, Jean Alland		
	Attorney Docket Number	1111111.1111-5C		

*PTO/SB08/a filed 04/10/2008*

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**U.S.PATENT APPLICATION PUBLICATIONS**

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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	Filing Date	2008-01-16
	First Named Inventor	Russell W. White
	Art Unit	2618
	Examiner Name	GELIN, Jean Alland
	Attorney Docket Number	1111111.1111-5C

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	Filing Date		
	First Named Inventor	Russell W. White	
	Art Unit		
	Examiner Name	Unknown	
	Attorney Docket Number	1111111.1111-5C	

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Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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Application Number	
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First Named Inventor	Russell W. White
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Examiner Name	Unknown
Attorney Docket Number	1111111.1111-5C

*PTO/SB08/a filed 01/16/2008*

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Application Number		
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First Named Inventor	Russell W. White	
Art Unit		
Examiner Name	Unknown	
Attorney Docket Number	1111111.1111-5C	

*PTO/SB08/a filed 01/16/2008*

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Application Number	
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First Named Inventor	Russell W. White
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Examiner Name	Unknown
Attorney Docket Number	1111111.1111-5C

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	First Named Inventor	Russell W. White	
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	Examiner Name	Unknown	
	Attorney Docket Number	1111111.1111-5C	

*PTO/SB08/a filed 01/16/2008*

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Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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Application Number	
Filing Date	
First Named Inventor	Russell W. White
Art Unit	
Examiner Name	Unknown
Attorney Docket Number	1111111.1111-5C

*PTO/SB08/a filed 01/16/2008*

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Application Number	
Filing Date	
First Named Inventor	Russell W. White
Art Unit	
Examiner Name	Unknown
Attorney Docket Number	1111111.1111-5C

*PTO/SB08/a filed 01/16/2008*

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Application Number	
Filing Date	
First Named Inventor	Russell W. White
Art Unit	
Examiner Name	Unknown
Attorney Docket Number	111111.1111-5C

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Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
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Doc code :IDS

Doc description: Information Disclosure Statement (IDS) Filed

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( 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	2618
	Examiner Name	Unknown
	Attorney Docket Number	AFF.004C5US

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Application Number		12015320
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First Named Inventor	Russell W. White, et al.	
Art Unit	2618	
Examiner Name	Unknown	
Attorney Docket Number	AFF.004C5US	

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	1	Request For Ex Parte Reexamination Under 35 U.S.C. §302 for U.S. Patent No. 7,324,833, Filed on November 7, 2008 (Pages 1-21).	<input type="checkbox"/>
	2	Richard Menta, "1200 Song MP3 Portable Is A Milestone Player," January 11, 2000, Pages 1-3.	<input type="checkbox"/>

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Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
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Application Number	12015320
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Examiner Name	Unknown
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Art Unit	2618
Examiner Name	Unknown
Attorney Docket Number	AFF.004C5US

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Receipt date: 12/02/2008

Application Number	12015320
Filing Date	2008-01-16
First Named Inventor	Russell W. White, et al.
Art Unit	2618
Examiner Name	Unknown
Attorney Docket Number	AFF.004C5US

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1	J. Braunstein, "Airbag Technology Takes Off," Automotive & Transportation Interiors, Aug. 1996, p. 16.	<input type="checkbox"/>
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3	M. Krebs, "Cars That Tell You Where To Go," The New York Times, Dec. 15, 1996, section 11, p. 1.	<input type="checkbox"/>
4	L. Kraar, "Knowledge Engineering," Fortune, Oct. 28, 1996, pp. 163-164.	<input type="checkbox"/>
5	S. Heuchert, "Eyes Forward: An ergonomic solution to driver information overload," Society of Automobile Engineering, Sep. 1996, pp. 27-31.	<input type="checkbox"/>
6	"OnStar" brochure by General Motors Corp., 1997.	<input type="checkbox"/>
7	Sun Microsystems, Inc., "Why Jini Now?", Aug. 1, 1998, pp. 1-14.	<input type="checkbox"/>
8	Sun Microsystems, Inc., "What is Jini?", - Summary.	<input type="checkbox"/>
9	Clohessy, Kim, Object Technology, Inc., "Virtual Machine Technology: Managing Complexity and Providing Portability for Embedded Systems, 2001, pp. 58-60.	<input type="checkbox"/>
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Application Number	12015320
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First Named Inventor	Russell W. White, et al.
Art Unit	2618
Examiner Name	Unknown
Attorney Docket Number	AFF.004C5US

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		12015320	
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	First Named Inventor	Russell W. White, et al.		
	Art Unit		2618	
	Examiner Name	Unknown		
	Attorney Docket Number		AFF.004C5US	

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	First Named Inventor	Russell W. White, et al.
	Art Unit	2618
	Examiner Name	Unknown
	Attorney Docket Number	AFF.004C5US

1	Affinity Labs of Texas, LLC, Plaintiff, v. DICE Electronics, LLC; et al., Defendants, C.A. No. 9:08-cv-00163 (Eastern District of Texas), Defendants' Motion To Stay Litigation Pending Reexamination, Filed January 12, 2009, Pages 1-15.	<input type="checkbox"/>
2	Declaration Of John M. Jackson In Support Of Defendants' Motion To Stay Litigation Pending Reexamination, Filed on January 12, 2009, Pages 1-2.	<input type="checkbox"/>
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5	Exhibit D to Defendants' Motion to Stay Litigation Pending Reexamination (United States Patent and Trademark Office, Ex Parte Reexamination Filing Data, September 30, 2008, Pages 1-2).	<input type="checkbox"/>
6	Affinity Labs of Texas, LLC, Plaintiff, v. BMW North America, LLC, et al., Civil Action No. 9:08-cv-00164 RC (Defendants' Joint Motion To Stay Litigation Pending Reexamination, Filed on January 13, 2009, Pages 1-8).	<input type="checkbox"/>
7	Proposed Order On Defendants' Motion To Stay Litigation Pending Reexamination, Filed on January 13, 2009, 1 page total.	<input type="checkbox"/>

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	Art Unit	2618
	Examiner Name	Unknown
	Attorney Docket Number	AFF.004C5US

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Signature	/Mark J. Rozman/	Date (YYYY-MM-DD)	2009-01-16
Name/Print	Mark J. Rozman	Registration Number	42117

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<b>EFS ID:</b>	4631733
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	21906
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	AFF.0004C5US
<b>Receipt Date:</b>	16-JAN-2009
<b>Filing Date:</b>	16-JAN-2008
<b>Time Stamp:</b>	17:06:11
<b>Application Type:</b>	Utility under 35 USC 111(a)

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CONFIRMATION NO. 2156

PUBLICATION NOTICE

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



Title:Method for Managing Media

Publication No.US-2009-0017866-A1

Publication Date:01/15/2009

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	2	3582926		1971-06-01	Hassan		
	3	4314232		1982-02-02	Tsunoda		
	4	4401848		1983-08-30	Tsunoda		
	5	4407564		1983-10-04	Ellis		
	6	4419730		1983-12-06	Ito, et al		
	7	4536739		1985-08-20	Nobuta		
	8	4582389		1986-04-15	Wood, et al.		

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9	4636782		1987-01-13	Nakamura, et al.	
10	4731769		1988-03-15	Schaefer	
11	5418962		1995-05-23	Bodin, et al.	
12	5627547		1997-05-06	Ramaswamy et al.	
13	5742226		1998-04-21	Szabo, et al.	
14	5794164		1998-08-11	Beckert, et al.	
15	6032089		2000-02-29	Buckley	
16	6114970		2000-09-05	Kirson, et al.	
17	6163079		2000-12-19	Miyazaki, et al.	
18	6189057		2001-02-13	Schwanz, et al.	
19	6236918		2001-05-22	Sonoda, et al.	



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20	6240347		2001-05-29	Everhart, et al.	
21	4817203		1989-03-28	Tsurumoto, et al.	
22	4999622		1991-03-12	Amano, et al.	
23	5363355		1994-11-08	Takagi	
24	5410326		1995-04-25	Goldstein	
25	5420573		1995-05-30	Tanaka, et al.	
26	5488357		1996-01-30	Sato, et al.	
27	5532684		1996-07-02	Katsu	
28	5594709		1997-01-14	Nagano, et al.	
29	5625608		1997-04-29	Grewe, et al.	
30	5646608		1997-07-08	Shintani	

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31	5822098		1998-10-13	Morgaine	
32	5990803		1999-11-23	Park	

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3	M. Krebs, "Cars That Tell You Where To Go," The New York Times, Dec. 15, 1996, section 11, p. 1.	<input type="checkbox"/>
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5	S. Heuchert, "Eyes Forward: An ergonomic solution to driver information overload," Society of Automobile Engineering, Sep. 1996, pp. 27-31.	<input type="checkbox"/>
6	"OnStar" brochure by General Motors Corp., 1997.	<input type="checkbox"/>
7	Sun Microsystems, Inc., "Why Jini Now?", Aug. 1, 1998, pp. 1-14.	<input type="checkbox"/>
8	Sun Microsystems, Inc., "What is Jini?", - Summary.	<input type="checkbox"/>
9	Clohessy, Kim, Object Technology, Inc., "Virtual Machine Technology: Managing Complexity and Providing Portability for Embedded Systems, 2001, pp. 58-60.	<input type="checkbox"/>
10	Mobile GT, "The Architecture for Driver Information Systems."	<input type="checkbox"/>

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

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( 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	2618
	Examiner Name	Unknown
	Attorney Docket Number	AFF.004C5US

**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.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> 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	12015320		
Filing Date	2008-01-16		
First Named Inventor	Russell W. White, et al.		
Art Unit	2618		
Examiner Name	Unknown		
Attorney Docket Number	AFF.004C5US		

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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).

**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)	2008-12-02
Name/Print	Mark J. Rozman	Registration Number	42,117

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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19 BUNDESREPUBLIK  
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DEUTSCHES  
PATENTAMT

12 **Offenlegungsschrift**  
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**B 60 R 25/00**  
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DE 38 05 810 A1  
DE 32 20 083 A1  
DE 92 16 352 U1  
US 38 78 915  
EP 06 24 488 A1

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in Betracht zu ziehende Druckschriften:  
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DE 42 27 969 C2  
DE 34 38 385 C2  
DE 42 39 271 A1  
DE 42 24 536 A1  
DE 42 01 142 A1

54 Anordnung zur zugangscodesteuerten Benutzungseinschränkung eines Kraftfahrzeugs  
57 Es wird eine Anordnung zur zugangscodesteuerten  
Benutzungseinschränkung eines Kraftfahrzeugs mit elektro-  
nisch steuerbaren Komponenten beschrieben, bei welcher  
zu mehreren Zugangscodes jeweils Steuerparameter für  
elektronische Komponenten des Fahrzeugs als codespezifische  
Zuordnung gespeichert sind. Hiermit können für eine  
Mehrzahl von Nutzern individuell Benutzungseinschränkungen  
vorgegeben werden.

DE 4431070 A1



Europäisches Patentamt  
European Patent Office  
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(11) Publication number : **0 569 243 A1**

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## EUROPEAN PATENT APPLICATION

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(51) Int. Cl.<sup>5</sup> : **G06F 3/033, B60R 16/02**

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DE FR GB

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(54) Control system for devices mounted on vehicle.

(57) A control system (10) for devices mounted on vehicle includes a plurality of controlled devices (51), storage unit (54) for storing a plurality of control programs for controlling each of the plurality of the controlled devices, input unit (11) for selecting controlled devices to be operated from the plurality of controlled devices, and operation control unit (16) for reading application programs respectively associated with controlled devices selected by the input unit from the storage unit and monitoring status of operations of the controlled devices selected by the input unit on the basis of the application programs read from the storage unit so as to simultaneously operate the controlled devices.

EP 0 569 243 A1





**EUROPEAN PATENT APPLICATION**

Application number : **95302088.0**

Int. Cl.<sup>6</sup> : **G01C 21/20, B60R 16/02, G06F 3/16, G09B 29/10**

Date of filing : **29.03.95**

Priority : **29.03.94 JP 59250/94**

Inventor : **Sawada, Yasuhiro**  
**c/o Honda R&D Co., Ltd.,**  
**4-1, Chuo 1-chome**  
**Wako-shi, Saitama-ken, 351-01 (JP)**

Date of publication of application :  
**04.10.95 Bulletin 95/40**

Representative : **Tomlinson, Kerry John et al**  
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Designated Contracting States :  
**DE FR GB**

Applicant : **HONDA GIKEN KOGYO**  
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**Minato-ku Tokyo 107 (JP)**

**Car navigation system.**

A car navigation system (1) includes a route judgement means (6) for judging whether the driver should head for an input place name (5a) in order to reach a destination (4a), and judgement result means (8) for outputting a judgement result, so that a car can be guided and navigated along a suitable route to the destination by inputting place names written on road signs or the like. The judgement result is output with a voice message or image display (9). When plural place names are input, the judgement is made on each of the place names, and the most suitable place name is selected and output.

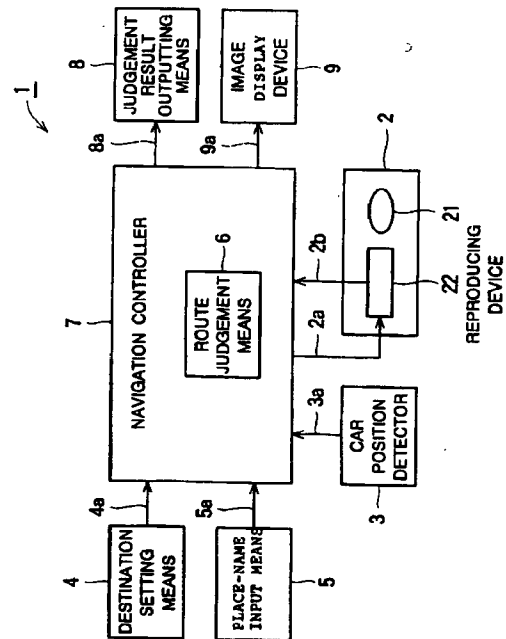


FIG. 1

EP 0 675 341 A1

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	4378364
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	21906
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	AFF.0004C5US
<b>Receipt Date:</b>	02-DEC-2008
<b>Filing Date:</b>	16-JAN-2008
<b>Time Stamp:</b>	12:23:57
<b>Application Type:</b>	Utility under 35 USC 111(a)

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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	AFF004C5USSupplementalIDS. pdf	609757 <small>26bf4a11f01879cab82bf66b89ed6dc03509 ced2</small>	no	8

### Warnings:

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2	Foreign Reference	AFF004DE4431070.pdf	20122	no	1
			b17b6b3cc1fa9c5e40935df5b5e74993d7b6c320		
<b>Warnings:</b>					
<b>Information:</b>					
3	Foreign Reference	AFF004EP0569243.pdf	55678	no	1
			91f7f965da30c6347eeac356229f0fab9442194e		
<b>Warnings:</b>					
<b>Information:</b>					
4	Foreign Reference	AFF004EP0675341.pdf	39590	no	1
			a76287b711673253bf3aeedaf2dba7ba286ba06		
<b>Warnings:</b>					
<b>Information:</b>					
5	NPL Documents	AFF004AirbagTechnology.pdf	77581	no	1
			6611175efaa658d725aaeb0d8ecf5c219d94c72b		
<b>Warnings:</b>					
<b>Information:</b>					
6	NPL Documents	AFF004NoLongerSquare.pdf	220380	no	3
			afd5699ad08c49838c101dcb7b140c080fe44a90		
<b>Warnings:</b>					
<b>Information:</b>					
7	NPL Documents	AFF004CarsThatTellYou.pdf	78063	no	1
			88b74c70c64be3396e90084c3de8189cbac3c2cc		
<b>Warnings:</b>					
<b>Information:</b>					
8	NPL Documents	AFF004KnowledgeEngineering.pdf	438102	no	4
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<b>Warnings:</b>					
<b>Information:</b>					
9	NPL Documents	AFF004EyesForward.pdf	486434	no	6
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<b>Warnings:</b>					
<b>Information:</b>					
10	NPL Documents	AFF004OnStarBrochure.pdf	467849	no	12
			0618c6c1c5992e9f24b040dde36e5cd7a5763ea7		
<b>Warnings:</b>					
<b>Information:</b>					

11	NPL Documents	AFF004WhyJiniNow.pdf	718931	no	16
			857b768a852592e9f3c0a5af57e18bb705b9f061		
<b>Warnings:</b>					
<b>Information:</b>					
12	NPL Documents	AFF004WhatIsJini.pdf	284694	no	4
			15b5d8d54c99d97ce5ae4dc91432c6ae4798f2b9		
<b>Warnings:</b>					
<b>Information:</b>					
13	NPL Documents	AFF004VirtualMachine.pdf	393500	no	3
			faa115a7f97848a2eff119719647ceddb5937c6a		
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>				3890681	

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**New Applications Under 35 U.S.C. 111**

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

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

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

**New International Application Filed with the USPTO as a Receiving Office**

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Russell W. White, et al. § Group Art Unit: 2618  
Serial No.: 12/015,320 §  
Filed: January 16, 2008 § Examiner: Unknown  
For: Method For Managing Media § Atty. Dkt. No.: AFF.004C5US

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

**SUPPLEMENTAL PRELIMINARY AMENDMENT**

Sir:

Please amend the above-referenced patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** begin on page 3 of this paper.

**Remarks** begin on page 7 of this paper.

Date of Deposit: November 18, 2008  
I hereby certify under 37 CFR § 1.8 this correspondence is being deposited **via EFS** on the date indicated above.

/Stephanie Petreas/

**Stephanie Petreas**

## **Amendments to the Specification:**

Please replace the Abstract on page 38, with the following amended Abstract:

~~A media managing method is disclosed. A method links a graphical interface soft button with a media file saved in a memory system of a portable electronic device, maintains a collection of information that represents the graphical interface soft button in the memory system, and communicates at least some of the collection to a different electronic device in order to allow a user to view a representation of the graphical interface soft button on an associated display of the different electronic device. The method further receives a signal to begin playing the media file in response to a selection of the representation.~~ An audio system and method are disclosed. A system incorporating teachings of the present disclosure may include, for example, an electronic device having a display, a digital satellite receiver, and a housing component at least partially defining a cavity in which the digital satellite receiver is secured. The system may also include a device interface system that has a sound system connector and a mounting region. The sound system connector may communicatively coupled the device interface system to an existing sound system, and the mounting region may be capable of releasably engaging the electronic device such that a contact portion of the device interface system contacts a conductive element of the electronic device to form at least a portion of a communication path interconnecting the sound system and the electronic device.

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

Claims 1 – 20 (cancel)

Claim 21 (new): An audio system comprising:  
an electronic device including a display, a digital satellite receiver, and a housing component at least partially forming a cavity in which the digital satellite receiver is secured;  
a device interface system that comprises a sound system connector and a device mount;  
the sound system connector operable to communicatively couple the device interface system to a sound system; and  
the device mount operable to releasably engage the electronic device such that a contact portion of the device interface system contacts a conductive element of the electronic device to form at least a portion of a communication path operable to interconnect the sound system and the electronic device.

Claim 22 (new): The audio system of claim 21, wherein the device mount comprises a cradle.

Claim 23 (new): The audio system of claim 21, wherein the digital satellite receiver is operable to receive a streaming audio signal that comprises a piece of information about a selection of audio content included in the streaming audio signal.

Claim 24 (new): The audio system of claim 23, wherein the piece of information comprises a title of the selection of audio content.

Claim 25 (new): The audio system of claim 23, wherein the piece of information comprises a genre of the selection of audio content.

Claim 26 (new): The audio system of claim 23, wherein the piece of information comprises an artist name.

Claim 27 (new): The audio system of claim 21, further comprising an automobile having an installed sound system, wherein the installed sound system is the sound system and is communicatively coupled to the device interface system via the sound system connector.

Claim 28 (new): The audio system of claim 21, further comprising a home stereo system, wherein the home stereo system is the sound system and is communicatively coupled to the device interface system via the sound system connector.

Claim 29 (new): The audio system of claim 21, wherein the sound system connector comprises a local area wireless transmitter.

Claim 30 (new): The audio system of claim 21, further comprising:  
an automobile having an installed sound system, wherein the installed sound system is the sound system and is communicatively coupled to the device interface system via the sound system connector;  
a second device interface system comprising another sound system connector and a second mount; and  
the second sound system connector operable to communicatively couple the second device interface system to a second sound system, wherein the second sound system is a portable radio.

Claim 31 (new): A method for providing audio content, comprising:  
setting up an account to deliver a streaming audio signal to a modular electronic device comprising a display, a digital satellite receiver, and a housing component at least partially defining a cavity in which the digital satellite receiver is secured, the modular electronic device further comprising an interface mechanism operable to form at least a portion of a link communicatively coupling the modular electronic device to an external speaker assembly; and



communicating the streaming audio signal receivable by the digital satellite receiver.

Claim 32 (new): The method of claim 31, wherein the interface mechanism comprise an FM modulator.

Claim 33 (new): The method of claim 31, wherein the interface mechanism comprises a short range wireless transmitter operable to communicate at about 2.4 GHz.

Claim 34 (new): The method of claim 31, wherein the interface mechanism comprises a conductive contact portion.

Claim 35 (new): The method of claim 31, wherein the streaming audio signal comprises information about a song included in the streaming audio signal, further wherein the display is operable to present a graphical representation of the information.

Claim 36 (new): The method of claim 35, wherein the information is selected from a group consisting of a song title, a song artist, a song decade, and a song genre.

Claim 37 (new): The method of claim 31, wherein the modular electronic device does not include an integrated speaker assembly.

Claim 38 (new): The method of claim 31, wherein the modular electronic device comprises a satellite antenna within the cavity.

Claim 39 (new): An audio system comprising:  
an electronic device including a display, a digital satellite receiver, a conductive interface element, and a housing in which the digital satellite receiver is secured; and  
the housing formed to engage a first mount such that the conductive interface element contacts a portion of the first mount to communicatively couple the electronic device to an automobile sound system.

Claim 40 (new): The system of claim 39, wherein the housing is further formed to engage a second mount to communicatively couple the electronic device to a home audio system.

Claim 41 (new): The system of claim 39, further comprising the first mount, wherein the first mount is operable to couple the electronic device to a power supply of an automobile.

Claim 42 (new): The system of claim 39, further comprising an FM modulator secured within the housing.

Claim 43 (new): The system of claim 39, wherein the electronic device further comprises a display operable to present information about a selection of audio content receivable by the digital satellite receiver.

Claim 44 (new): The system of claim 43, wherein the information is selected from a group consisting of a song title, a performing artist, a genre, and a decade indicator.

Claim 45 (new): The system of claim 39, wherein the electronic device further comprises a rechargeable power supply.

**REMARKS/ARGUMENTS**

Enclosed herewith is a Terminal Disclaimer as to U.S. Patents Nos. 7,187,947; 7,324,833; and 7,440,772 and U.S. Patent Application No. 11/681,452.

The application is believed to be in condition for allowance and the Examiner's prompt action in accordance therewith is respectfully requested. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-1504.

Respectfully submitted,

Date: November 18, 2008

/Mark J. Rozman/

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Customer No.: 21906

**TERMINAL DISCLAIMER TO OBTAIN A DOUBLE PATENTING  
REJECTION OVER A PRIOR PATENT**Docket Number (Optional)  
**AFF.004C5US**In re Application of: **Russell W. White, et al.**Application No.: **12/015,320**Filed: **January 16, 2008**For: **Method For Managing Media**

The owner\*, **Affinity Labs of Texas, LLC**, of **100** percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of **prior patent** Nos. **7,324,833, 7,187,947, 7,440,772** and of any patent granted on pending **reference** Application Number **11/681,452** filed on **March 2, 2007**, as such term is defined in 35 U.S.C. 154 and 173, and as the term of said **prior patents** are presently shortened by any terminal disclaimer, and as the term of any patent granted on said **reference** application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending **reference** application. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the **prior patents** and any patent granted on the **reference** application are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of the **prior patents** or any patent granted on said **reference** application, "as the term of said **prior patents** is presently shortened by any terminal disclaimer" or "as the term of any patent granted on said **reference** application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending **reference** application," in the event that said **prior patents** later or any such patent granted on the pending **reference** application: expires for failure to pay a maintenance fee; is held unenforceable; is found invalid by a court of competent jurisdiction; is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321; has all claims canceled by a reexamination certificate; is reissued; or is in any manner terminated prior to the expiration of its fully statutory term as presently shortened by any terminal disclaimer.

Check either box 1 or 2 below, if appropriate.

1.  For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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

\_\_\_\_\_  
/Mark J Rozman/  
Signature

\_\_\_\_\_  
November 18, 2008  
Date

\_\_\_\_\_  
**Mark J. Rozman**  
Typed or printed name

\_\_\_\_\_  
**512-418-9944**  
Telephone Number

- Terminal disclaimer fee under 37 CFR 1.20(d) included.

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\*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).  
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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## Electronic Patent Application Fee Transmittal

<b>Application Number:</b>	12015320
<b>Filing Date:</b>	16-Jan-2008
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Attorney Docket Number:</b>	AFF.0004C5US

Filed as Large Entity

### Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Basic Filing:</b>				
<b>Pages:</b>				
<b>Claims:</b>				
<b>Miscellaneous-Filing:</b>				
<b>Petition:</b>				
<b>Patent-Appeals-and-Interference:</b>				
<b>Post-Allowance-and-Post-Issuance:</b>				
<b>Extension-of-Time:</b>				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Miscellaneous:</b>				
Statutory disclaimer	1814	1	140	140
<b>Total in USD (\$)</b>				<b>140</b>

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	4306887
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	21906
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	AFF.0004C5US
<b>Receipt Date:</b>	18-NOV-2008
<b>Filing Date:</b>	16-JAN-2008
<b>Time Stamp:</b>	12:03:44
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$140
RAM confirmation Number	7604
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)

<b>File Listing:</b>					
<b>Document Number</b>	<b>Document Description</b>	<b>File Name</b>	<b>File Size(Bytes)/ Message Digest</b>	<b>Multi Part /.zip</b>	<b>Pages (if appl.)</b>
1	Preliminary Amendment	AFF004C5USSuppPreliminaryAmendment.pdf	49618 517f2ac908107ad2240d8772d8f1c31f3b930103	no	7
<b>Warnings:</b>					
<b>Information:</b>					
2	Terminal Disclaimer Filed	AFF004C5USTerminalDisclaimer.pdf	24941 45edbc2a8bc7464a05e787e026c33135cdf96dea	no	1
<b>Warnings:</b>					
<b>Information:</b>					
3	Fee Worksheet (PTO-06)	fee-info.pdf	29859 009ae1ac28f299c4a30eff6dcd1982d4c3a10ea	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			104418		

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**New Applications Under 35 U.S.C. 111**

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

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

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

**New International Application Filed with the USPTO as a Receiving Office**

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



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<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Substitute for Form PTO-875	Application or Docket Number <b>12/015,320</b>	Filing Date <b>01/16/2008</b>	<input type="checkbox"/> To be Mailed
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APPLICATION AS FILED – PART I			OTHER THAN SMALL ENTITY				
	(Column 1)	(Column 2)	SMALL ENTITY <input checked="" type="checkbox"/>	OR			
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A		OR	N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	N/A	N/A		OR	N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A		OR	N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>	minus 20 =	*	X \$ =		OR	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =		OR	X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				OR		
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>					OR		
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL		OR	TOTAL	

APPLICATION AS AMENDED – PART II					OTHER THAN SMALL ENTITY				
	(Column 1)	(Column 2)	(Column 3)						
AMENDMENT	<b>11/18/2008</b>	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	* 25	Minus ** 20	= 5	X \$26 =	130	OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	* 3	Minus *** 3	= 0	X \$110 =	0	OR	X \$ =	
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>						OR		
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
					TOTAL ADD'L FEE	<b>130</b>	OR	TOTAL ADD'L FEE	

	(Column 1)	(Column 2)	(Column 3)						
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	*	Minus **	=	X \$ =		OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus ***	=	X \$ =		OR	X \$ =	
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>						OR		
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  
 \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".  
 \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".  
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:  
 /MARQUITA D. JONES/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Substitute for Form PTO-875	Application or Docket Number <b>12/015,320</b>	Filing Date <b>01/16/2008</b>	<input type="checkbox"/> To be Mailed
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APPLICATION AS FILED – PART I			OTHER THAN SMALL ENTITY				
	(Column 1)	(Column 2)	SMALL ENTITY <input checked="" type="checkbox"/>	OR			
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	OR	RATE (\$)	FEE (\$)
<input type="checkbox"/> BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A			N/A	
<input type="checkbox"/> SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	N/A	N/A			N/A	
<input type="checkbox"/> EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A			N/A	
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>	minus 20 =	*	X \$ =		OR	X \$ =	
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	minus 3 =	*	X \$ =			X \$ =	
<input type="checkbox"/> APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II					OTHER THAN SMALL ENTITY				
	(Column 1)	(Column 2)	(Column 3)		SMALL ENTITY	OR			
AMENDMENT	11/18/2008	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	Total <small>(37 CFR 1.16(i))</small>	* 25	Minus ** 20	= 5	X \$26 =	130	OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	* 3	Minus *** 3	= 0	X \$110 =	0	OR	X \$ =	
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>								
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
					TOTAL ADD'L FEE	130	OR	TOTAL ADD'L FEE	

	(Column 1)	(Column 2)	(Column 3)		SMALL ENTITY	OR			
AMENDMENT	Total <small>(37 CFR 1.16(i))</small>	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR	RATE (\$)	ADDITIONAL FEE (\$)
	*	Minus	**	=	X \$ =		OR	X \$ =	
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus	***	X \$ =		OR	X \$ =	
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>								
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  
 \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".  
 \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".  
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:  
 /MARQUITA D. JONES/

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( 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	2618		
	Examiner Name	Unknown		
	Attorney Docket Number	AFF.004C5US		

U.S.PATENTS							Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
	1	6396164		2002-05-28	Barnea, et al.		
	2	6255961		2007-07-03	Van Ryzin, et al.		
	3	6282464		2001-08-28	Obradovich		
	4	7324833		2008-01-29	White, et al.		

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Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
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Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( 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		2618	
	Examiner Name	Unknown		
	Attorney Docket Number		AFF.004C5US	

	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 <sup>5</sup>
	1	Request For Ex Parte Reexamination Under 35 U.S.C. §302 for U.S. Patent No. 7,324,833, Filed on November 7, 2008 (Pages 1-21).	<input type="checkbox"/>
	2	Richard Menta, "1200 Song MP3 Portable Is A Milestone Player," January 11, 2000, Pages 1-3.	<input type="checkbox"/>

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**EXAMINER SIGNATURE**

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( 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	2618
	Examiner Name	Unknown
	Attorney Docket Number	AFF.004C5US

**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)	2008-11-14
Name/Print	Mark J. Rozman	Registration Number	42,117

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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.

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	4289836
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	21906
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	AFF.0004C5US
<b>Receipt Date:</b>	14-NOV-2008
<b>Filing Date:</b>	16-JAN-2008
<b>Time Stamp:</b>	12:28:24
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	AFF004C5USupplIDS.pdf	608092 <small>6d2c7a9330227840ce3d00b3f38321247513183e</small>	no	4

### Warnings:

### Information:



2	NPL Documents	AFFReqExParteReexamination.pdf	1040727	no	21
			bec5fe950b0e6267012cf6a3b0d4af58f92d6667		

**Warnings:**

**Information:**

3	NPL Documents	AFFNewswirePublication.pdf	193472	no	3
			7c67593a65eb34ce0214c24009df0685a890909c		

**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>			1842291		
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**This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.**

**New Applications Under 35 U.S.C. 111**

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

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

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

**New International Application Filed with the USPTO as a Receiving Office**

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



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY. DOCKET NO, TOT CLAIMS, IND CLAIMS. Row 1: 12/015,320, 01/16/2008, 2618, 435, AFF.0004C5US, 20, 3

CONFIRMATION NO. 2156

UPDATED FILING RECEIPT

21906
TROP PRUNER & HU, PC
1616 S. VOSS ROAD, SUITE 750
HOUSTON, TX 77057-2631



Date Mailed: 10/08/2008

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Applicant(s)

Russell W. White, Austin, TX;
Kevin R. Imes, Austin, TX;

Assignment For Published Patent Application

AFFINITY LABS, LLC, Austin, TX

Power of Attorney: The patent practitioners associated with Customer Number 21906

Domestic Priority data as claimed by applicant

This application 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: 02/04/2008

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 12/015,320

Projected Publication Date: 01/15/2009

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

**Title**

Method for Managing Media

**Preliminary Class**

455

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

**LICENSE FOR FOREIGN FILING UNDER****Title 35, United States Code, Section 184****Title 37, Code of Federal Regulations, 5.11 & 5.15****GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



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www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/015,320	01/16/2008	Russell W. White	111111.1111-5C

**CONFIRMATION NO. 2156**

**POA ACCEPTANCE LETTER**

21906  
TROP PRUNER & HU, PC  
1616 S. VOSS ROAD, SUITE 750  
HOUSTON, TX 77057-2631



Date Mailed: 09/25/2008

**NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY**

This is in response to the Power of Attorney filed 09/17/2008.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/llam/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/015,320	01/16/2008	Russell W. White	111111.1111-5C

**CONFIRMATION NO. 2156**

**POWER OF ATTORNEY NOTICE**

65550  
AFFINITY LABS, LLC  
10904 DOSWELL COVE  
AUSTIN, TX 78739



Date Mailed: 09/25/2008

**NOTICE REGARDING CHANGE OF POWER OF ATTORNEY**

This is in response to the Power of Attorney filed 09/17/2008.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

/llam/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

### POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

Practitioners associated with the Customer  
OR

21906

Practitioner(s) named below (if more than ten practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

The address associated with Customer  
OR

21906

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Email		


Assignee Name and Address:

**Affinity Labs of Texas, LLC**  
3838 River Place Boulevard  
Austin, TX 78730

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

#### SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	9/17/08
Name	Russell W. White	Telephone	512-217-3524
Title	Vice-President		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	3958495
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	65550
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	111111.1111-5C
<b>Receipt Date:</b>	17-SEP-2008
<b>Filing Date:</b>	16-JAN-2008
<b>Time Stamp:</b>	15:32:22
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Assignee showing of ownership per 37 CFR 3.73(b).	AFF004C5UExecuted373.pdf	60146 <small>99a3646e3b6062d768938bd8b4f2d18b33e6e659</small>	no	1

### Warnings:

### Information:



2	Power of Attorney	AFFINITYExecutedPOA.pdf	56742 1182cb135ef2f72320ce11d9c1a2f487dfca4853	no	1
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**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>	116888
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**This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.**

**New Applications Under 35 U.S.C. 111**

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

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

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

**New International Application Filed with the USPTO as a Receiving Office**

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

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Russell W. White, et al.Application No./Patent No.: 12/015,320Filed/Issue Date: January 16, 2008Entitled: **Method For Managing Media**Affinity Labs of Texas, LLC, a Limited Liability Company

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

- A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Russell W. White and Kevin R. Imes To: Affinity Labs, LLC  
The document was recorded in the United States Patent and Trademark Office at  
Reel 020374, Frame 0116, or for which a copy thereof is attached.
2. From: Affinity Labs, LLC To: The Russell White, LLC  
The document was recorded in the United States Patent and Trademark Office at  
Reel 020941, Frame 0844, or for which a copy thereof is attached.
3. From: The Russell White, LLC To: Affinity Labs of Texas, LLC  
The document was recorded in the United States Patent and Trademark Office at  
Reel 020963, Frame 0072, or for which a copy thereof is attached.

- Additional documents in the chain of title are listed on a supplemental sheet.

- As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
Signature

Russell W. White  
Printed or Typed Name

Vice-President

Title

9/17/08  
Date

512-217-3524  
Telephone number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/015,320	01/16/2008	Russell W. White	111111.1111-5C

**CONFIRMATION NO. 2156**

**IMPROPER CPOA LETTER**

65550  
AFFINITY LABS, LLC  
10904 DOSWELL COVE  
AUSTIN, TX 78739



Date Mailed: 09/16/2008

**NOTICE REGARDING POWER OF ATTORNEY**

This is in response to the Power of Attorney filed 09/03/2008. The Power of Attorney in this application is not accepted for the reason(s) listed below:

- The Power of Attorney is from an assignee and the Certificate required by 37 CFR 3.73(b) has not been received.

/hgray/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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SEP 03 2008

Applicants:	Russell W. White, et al.	§	Group Art Unit:	2618
		§		
Serial No.:	12/015,320	§	Examiner:	Unknown
		§		
Filed:	January 16, 2008	§		
		§		
For:	Method For Managing Media	§	Atty. Dkt. No.:	AFF.004C5US

**POWER OF ATTORNEY BY ASSIGNEE**

Under the provisions of 37 C.F.R. § 3.71, the undersigned assignee of record of the entire interest in the above-identified patent/patent application by virtue of an assignment recorded (check as applicable):

Concurrently Herewith  
Date Recorded May 19, 2008  
Reel 020963 Frame 0072

elects to conduct the prosecution of the application/maintenance of the patent to the exclusion of the inventor(s). The undersigned hereby declares that he has reviewed the above-referenced assignment and hereby declares that, to the best of his knowledge, title is in the Assignee, and further declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true. The assignee hereby revokes any previous powers of attorney and appoints the practitioners associated with:

**Customer No. 21906**

to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

The undersigned is authorized to sign this statement on behalf of the Assignee.

Please direct all communications to: **Customer No. 21906**

Please direct all telephone calls to: Mark J. Rozman at (512) 418-9944.

**ASSIGNEE**  
Affinity Labs of Texas, LLC

Date: 9/3/08 BY: *Russell W. White*

Russell W. White  
Vice-President  
Affinity Labs of Texas, LLC  
10904 Doswell Cove  
Austin, TX 78739



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MAIL

JUL 01 2008

DIRECTOR'S OFFICE  
TECHNOLOGY CENTER 2600

AFFINITY LABS, LLC  
10904 DOSWELL COVE  
AUSTIN TX 787390

In re Application of:  
WHITE, RUSSELL W., et al.  
Serial No.: 12/015,320  
Filed: January 16, 2008  
Title: **METHOD FOR MANAGING MEDIA**

DECISION ON PETITION TO  
MAKE SPECIAL FOR NEW  
APPLICATION UNDER 37  
C.F.R. § 1.102 & M.P.E.P. §  
708.02

This is a decision on the petition filed on April 24, 2008 to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

The petition to make the application special is **DENIED**.

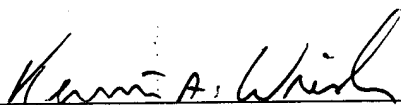
REGULATION AND PRACTICE

To be eligible for accelerated examination under 37 C.F.R. § 1.102(d) and pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published in the Federal Register on June 26, 2006 (71 Fed. Reg. 36323) and effective August 25, 2006, the following conditions must be satisfied:

1. The application must be a non-reissue utility or design application filed under 37 CFR 1.111(a);
2. The application, the petition and the required fees must be filed concurrently and electronically using the USPTO's electronic filing system (EFS), or EFS-web; if not filed electronically, a statement asserting that EFS and EFS-web were not available during the normal business hours;
3. The application, at the time of filing, must be complete under 37 CFR 1.51 and in condition for examination;
4. The application must contain three or fewer independent claims and twenty or fewer total claims and the claims must be directed to a single invention.

The application as filed is not eligible for the accelerated examination under 37 C.F.R. § 1.102(d) at least because the application was not complete upon filing (the drawings were defective and the petition was not filed concurrent with the application papers.)

For the above-stated reason, the petition is denied. The application will therefore be taken up by the examiner for action in its regular turn.



---

Kenneth A. Wieder  
Quality Assurance Specialist  
Technology Center 2600  
Communications

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		12015320	
	Filing Date		2008-01-16	
	First Named Inventor	Russell W. White		
	Art Unit	2618		
	Examiner Name	GELIN, Jean Alland		
	Attorney Docket Number	1111111.1111-5C		

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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	2	6694200	B2	2004-02-17	Naim, Ari B.	
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	5	6509716	B2	2003-01-21	Yi, Sang	
	6	6496692	B2	2002-12-17	Shanahan, Michael E.	
	7	6396769	B1	2002-05-28	Polany, Rany	
	8	6240297	B1	2001-05-29	Jadoul, Marc	

**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	2618
Examiner Name	GELIN, Jean Alland
Attorney Docket Number	1111111.1111-5C

*PTO/SB08/a filed 04/10/2008*

9	6230322	B1	2001-05-08	Saib et al.
10	6061306		2000-05-09	Buchheim, James
11	5953659		1999-09-14	Ghisler, Walter
12	5940767		1999-08-17	Bourgeois et al.
13	5870680		1999-02-09	Guerlin et al.
14	5774793		1998-06-30	Cooper et al.
15	5587560		1996-12-24	Crooks et al.
16	5586090		1996-12-17	Otte, William C.
17	5450471		1995-09-12	Hanawa et al.
18	5307326		1994-04-26	Osawa, Shoichi
19	4905272		1990-02-27	Van de Mortel et al.



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20	7020704	B1	2006-03-28	Lipscomb et al.	
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**U.S. PATENT APPLICATION PUBLICATIONS**

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20030008646	A1	2003-01-09	Shanahan, Michael E.	
	2	20050010633	A1	2005-01-13	Shanahan, Michael E.	

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**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>

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**NON-PATENT LITERATURE DOCUMENTS**

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	1		<input type="checkbox"/>

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None

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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	/russell w white/	Date (YYYY-MM-DD)	2008-04-10
Name/Print	Russell W. White	Registration Number	45,691

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PTO/SB08/a filed 01/16/2008

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Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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	2	7145898		2006-12-05	Elliott, Isaac K.	
	3	7130807		2006-10-31	Mikurak, Michael G.	
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First Named Inventor	Russell W. White	
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Examiner Name	Unknown	
Attorney Docket Number	111111.1111-5C	

*PTO/SB08/a filed 01/16/2008*

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Attorney Docket Number	1111111.1111-5C	

*PTO/SB08/a filed 01/16/2008*

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26	6606660		2003-08-12	Bowman-Amuah; Michel K.	
27	6601234		2003-07-29	Bowman-Amuah; Michel K.	
28	6601192		2003-07-29	Bowman-Amuah; Michel K.	
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*PTO/SB08/a filed 01/16/2008*

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None

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Signature	/russell w white/	Date (YYYY-MM-DD)	2008-01-16
Name/Print	Russell W. White	Registration Number	45691

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*PTO/SB08/a filed 01/16/2008*

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*PTO/SB08/a filed 01/16/2008*

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	12	6442748		2002-08-27	Bowman-Amuah; Michel K.	
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Russell W. White, et al.

Title: Method for Managing Media

App. No.: 12/015,320

Filed: 01/16/2008

Examiner: Unknown

Group Art Unit: 2618

Atty. Dkt. No.: 111111.1111-5C

Confirmation No.: 2156

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**COMMISSIONER FOR PATENTS**

P.O. Box 1450

Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**

Dear Commissioner:

Applicants respectfully request consideration and entry of the following Preliminary Amendment with support therefore indicated in the following Remarks, and in which:

Claim listing begins on page 2; and, Remarks begin on page 6.

## CLAIM LISTING

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) A media managing method, comprising:
  - linking a ~~graphical interface soft button name~~ with a media file saved in a memory system of a portable electronic device;
  - maintaining a collection of information that represents the ~~graphical interface soft button name~~ in the memory system;
  - communicating at least some of the collection to a different electronic device in order to allow a user to view a ~~representation of the graphical interface soft button comprising the name~~ on an associated display of the different electronic device; and
  - receiving a signal to begin playing the media file in response to a selection of the ~~representation graphical interface soft button~~.
2. (Currently amended) The method of Claim 1, communicatively coupling the portable electronic device ~~with~~ a personal computer of a user; and receiving the ~~collection of information and the media file~~ via the communicative coupling.
3. (Original) The method of Claim 1, wherein the different electronic device is an automobile sound system component.
4. (Currently amended) The method of Claim 1, wherein the ~~portable different~~ electronic device is a ~~home stereo component~~ cellular telephone.
5. (Currently amended) The method of Claim 4, further comprising receiving an indication of an incoming telephone call at the ~~portable electronic device~~ cellular telephone; and altering a ~~playing an output characteristic of a playing of~~ the media file in connection with receiving the indication.

6. (Original) The method of Claim 1, further comprising: receiving the signal to begin playing via a wired coupling of the portable electronic device and the different electronic device; and recharging a battery of the portable electronic device from a power source electrically coupled to the portable electronic device via the wired coupling.
  
7. (Currently amended) The method of Claim 1, wherein the graphical interface soft button ~~comprises~~ comprises a selectable link that includes a textual display of the name, wherein the name is selected from a group consisting of a user customized name, a playlist name, a title, and an artist name.
  
8. (Currently amended) The method of Claim 1, further comprising receiving the signal to begin playing in response to a soft button selection made via a user interaction with an input device of the different electronic device, wherein the input device is selected from a group consisting of a touch screen, a mouse, a keyboard, a toggle disk, a knob, and an actual physical button.
  
9. (Currently amended) A media playing method, comprising:
  - receiving an over the air download of a media file at a portable electronic device that has a display, a memory, and a processor;
  - receiving a collection of information associated with the media file via the over the air download, the collection of information representing a ~~graphical interface soft button that comprises a name~~ associated with the media file;
  - saving the media file in the memory;
  - maintaining an association between the media file and the ~~collection of information name~~ at the portable electronic device;
  - ~~presenting a representation of the graphical interface soft button on the display of the portable electronic device as a selectable icon~~ communicating information that represents at least the name to a different electronic device such that a user may view a graphical interface soft button comprising the name on a different display that is associated with the different electronic device; and



initiating a playing of the media file at the portable electronic device in connection with a selection of the ~~selectable icon~~ graphical interface soft button at the different electronic device.

10. (Original) The method of Claim 9, wherein the media file is an audio file.
11. (Currently amended) The method of Claim 9, wherein the media file is a voicemail message and the name ~~is an identifier for a~~ sender of the voicemail message.
12. (Currently amended) The method of Claim 9, wherein the portable electronic device is operable as a wireless telephone and the ~~selectable icon is a graphical user interface item~~ graphical user interface soft button is a selectable link that comprises a textual representation of the name.
13. (Currently amended) The method of Claim 12, wherein the display of the portable electronic device is a touch screen display ~~and the touch screen display is operable as a user interface mechanism to select the selectable soft button.~~
14. (Currently amended) The method of Claim 9, further comprising initiating another playing of the media file in connection with a selection of a representation of the ~~selectable icon~~ name while it is being presented on ~~a different the~~ display of ~~a different the~~ portable electronic device.
15. (Original) The method of Claim 9, wherein the media file comprises a video file.
16. (Currently amended) A media playing method, comprising:  
~~including coupling a portable electronic device interface mount to within an automobile~~  
having a sound system component that ~~has~~ ~~comprises~~ an associated display and a user interface mechanism, wherein the portable electronic device ~~interface mount~~ is formed to communicatively couple with a portable electronic device ~~that is~~ configured to save a media file in its memory, to associate the media file with a name, to include the name in a menu of available content, to present the name on

the display of the portable electronic device as a selectable ~~soft button icon~~, and to communicate a collection of information ~~comprising representing~~ the name to the ~~sound system~~;

receiving the collection of information via the portable electronic device ~~interface mount~~;

utilizing the collection of information to ~~facilitate a user interaction with the sound system, wherein the user interaction comprises: (1) viewing present a representation of the selectable graphical interface soft button icon on the associated display; and (2)~~

~~using recognizing a user interaction with the user interface mechanism to select a selection of the graphical interface soft button in order to select an available media file for processing; and~~

requesting a playing of the available media file ~~by the portable electronic device in response to the selecting connection with the a selection of the graphical interface soft button.~~

17. (Currently amended) The method of Claim 16, wherein the ~~sound system is selected from a group consisting of a home stereo sound system and an automobile sound system available media file comprises a voicemail message.~~
18. (Original) The method of Claim 16, wherein the ~~sound system is configured to receive an in-band on channel digital radio broadcast signal user interface mechanism is a touch screen display.~~
19. (Original) The method of Claim ~~16~~18, wherein the ~~user interface mechanism is an in dash radio knob sound system is further configured to allow a user to identify a certain song and to request the certain song.~~
20. (Original) The method of Claim 16, wherein the available media file comprises a video file.

**REMARKS**

Applicants have amended Claims 1, 4, 5, 7, 8, 9, 11-14, 16, and 17 without prejudice or disclaimer. The amendments are not intended to be narrowing and are not made in response to any rejections. The amendments are intended to help define the claimed embodiment and to facilitate full allowance of the current case.

**CONCLUSION**

Therefore Applicant respectfully submits that the present application is now in condition for allowance. If for any reason the Examiner deems the application is not in condition for allowance after entry of this amendment and consideration of the accompanying Remarks, Applicant requests the Examiner to contact the undersigned attorney at the telephone number listed below to advance the prosecution of this application.

The Applicant believes no additional fees are due, but if the Commissioner believes additional fees are due, the Commissioner is hereby authorized to charge any fees, which may be required, or credit any overpayment, to Deposit Account Number 50-3797.

Respectfully submitted,

April 24, 2008  
Date

/Russell W White/  
Russell W. White; Reg. No. 45,691  
Affinity Labs, LLC

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Russell W. White, et al.

Title: Method for Managing Media

App. No.: 12/015,320

Filed: 01/16/2008

Examiner: Unknown

Group Art Unit: 2618

Atty. Dkt. No.: 111111.1111-5C

Confirmation No.: 2156

---

**M/S MISSING PARTS**  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REPLY TO NOTICE TO FILE CORRECTED APPLICATION PAPERS**

Dear Commissioner:

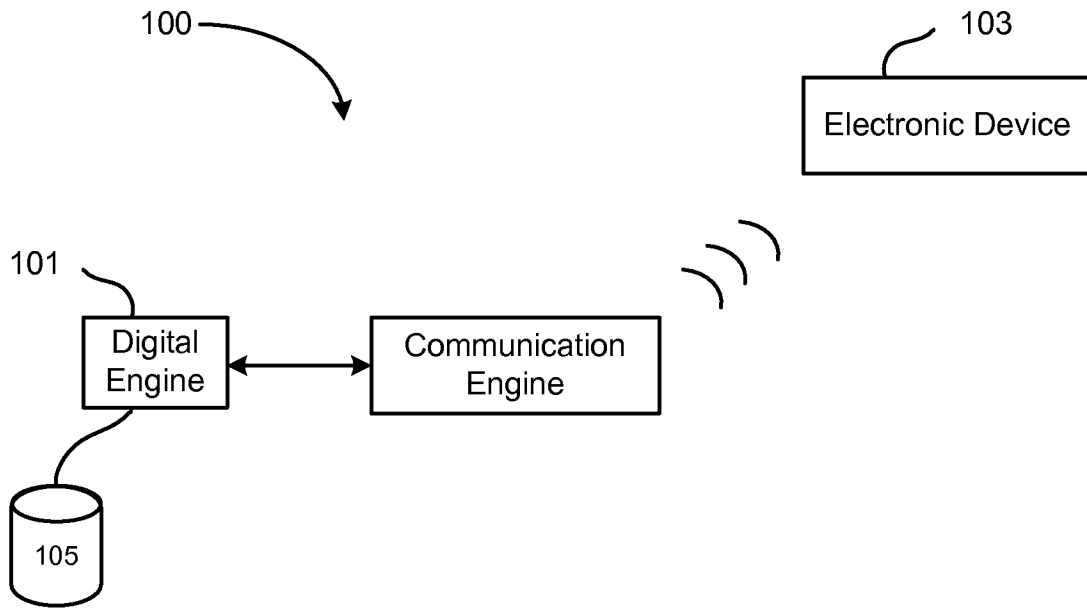
In reply to the Notice to File Corrected Application Papers dated April 17, 2008, Applicants submit Replacement Sheets of Drawing FIGs. 1, 2, 3, 4, 5a, 5b, 6, and 9, in compliance with 37 C.F.R. §§ 1.84 and 1.121.

Applicants believe no additional fees are due, but if the Commissioner believes additional fees are due, the Commissioner is hereby authorized to charge any fees, which may be required, or credit any overpayment, to Deposit Account Number 50-3797.

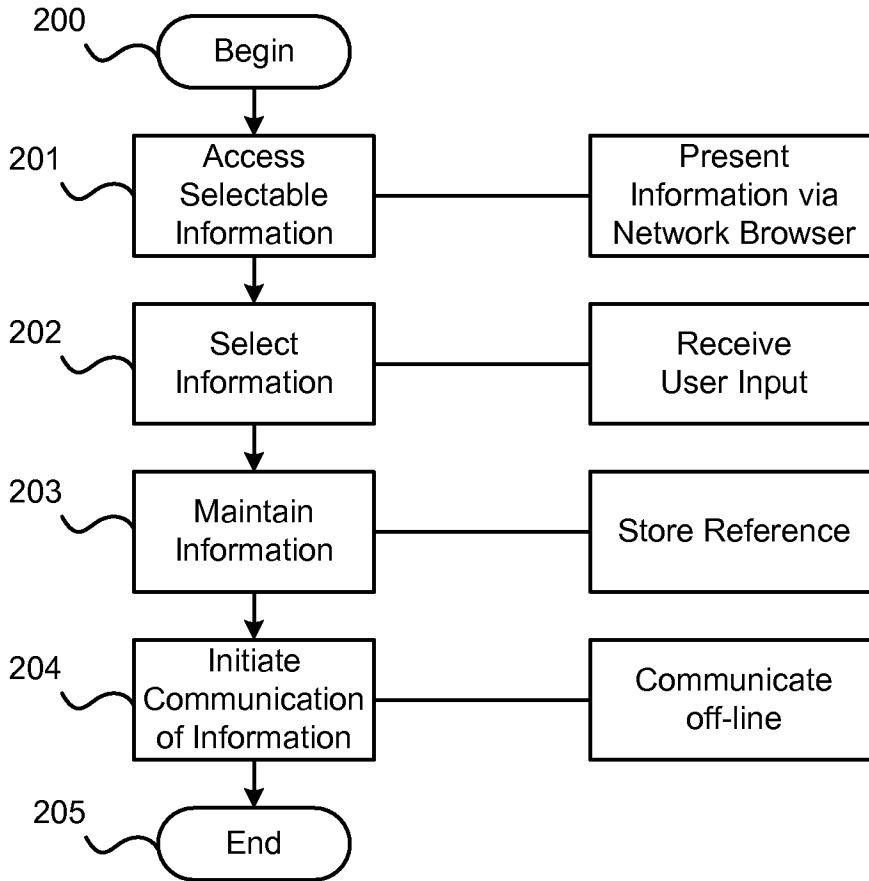
Respectfully submitted,

April 24, 2008  
Date

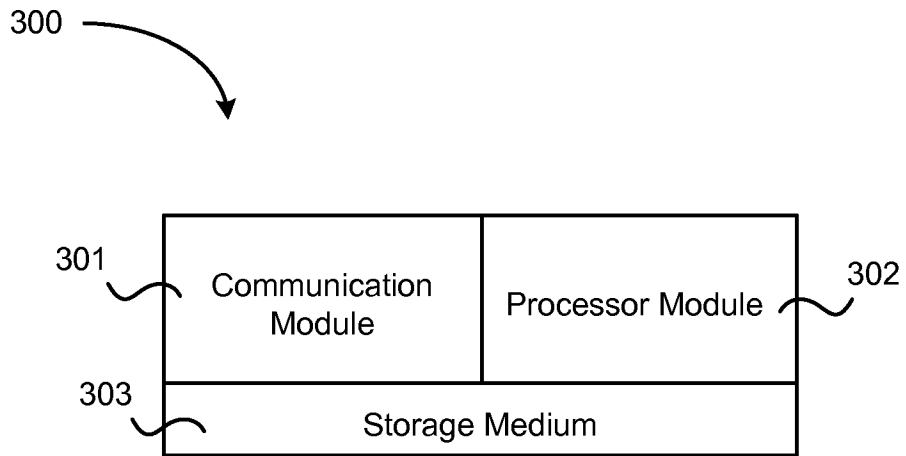
/Russell W White/  
Russell W. White; Reg. No. 45,691  
Affinity Labs, LLC



**FIG. 1**



**FIG. 2**



**FIG. 3**

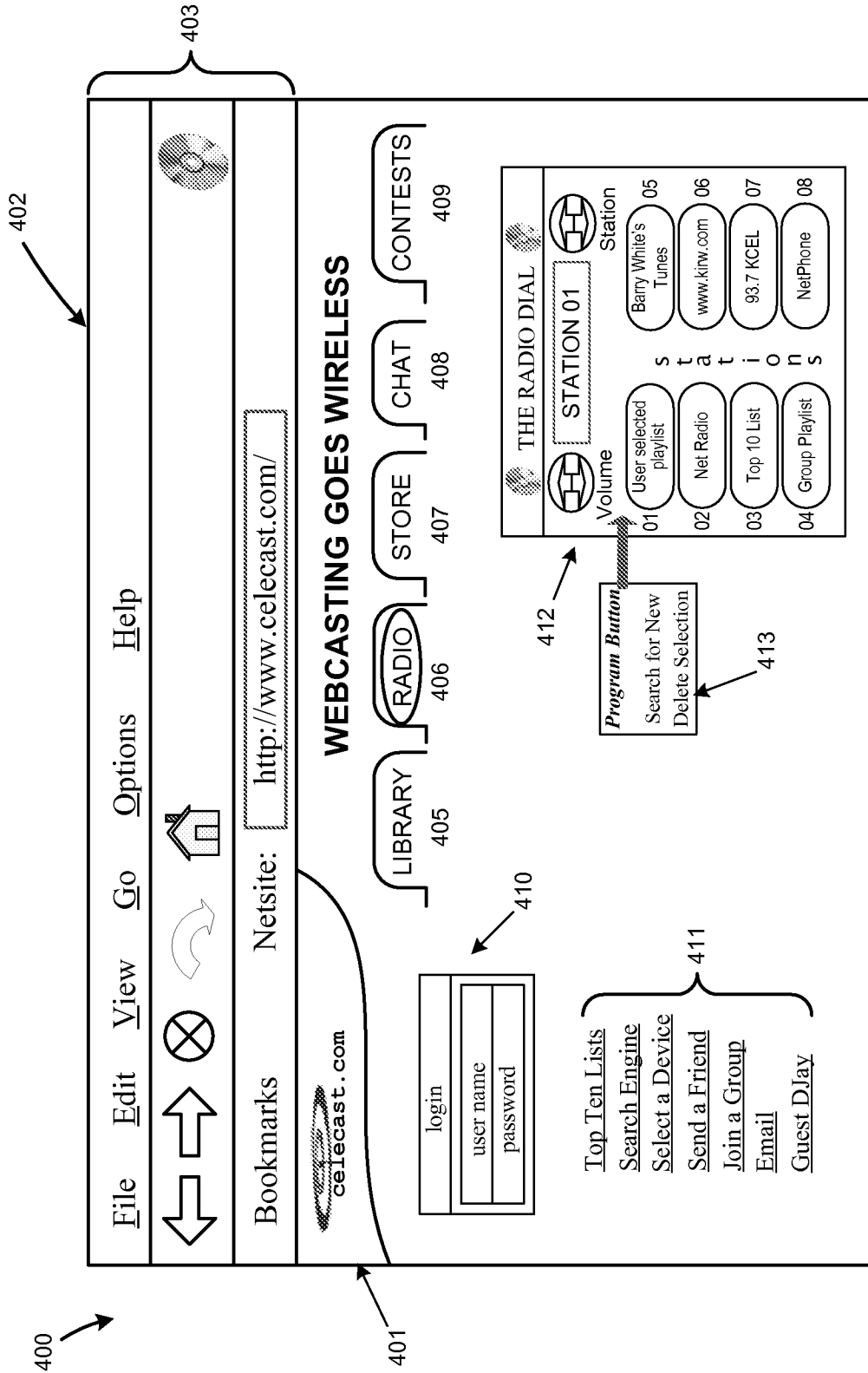
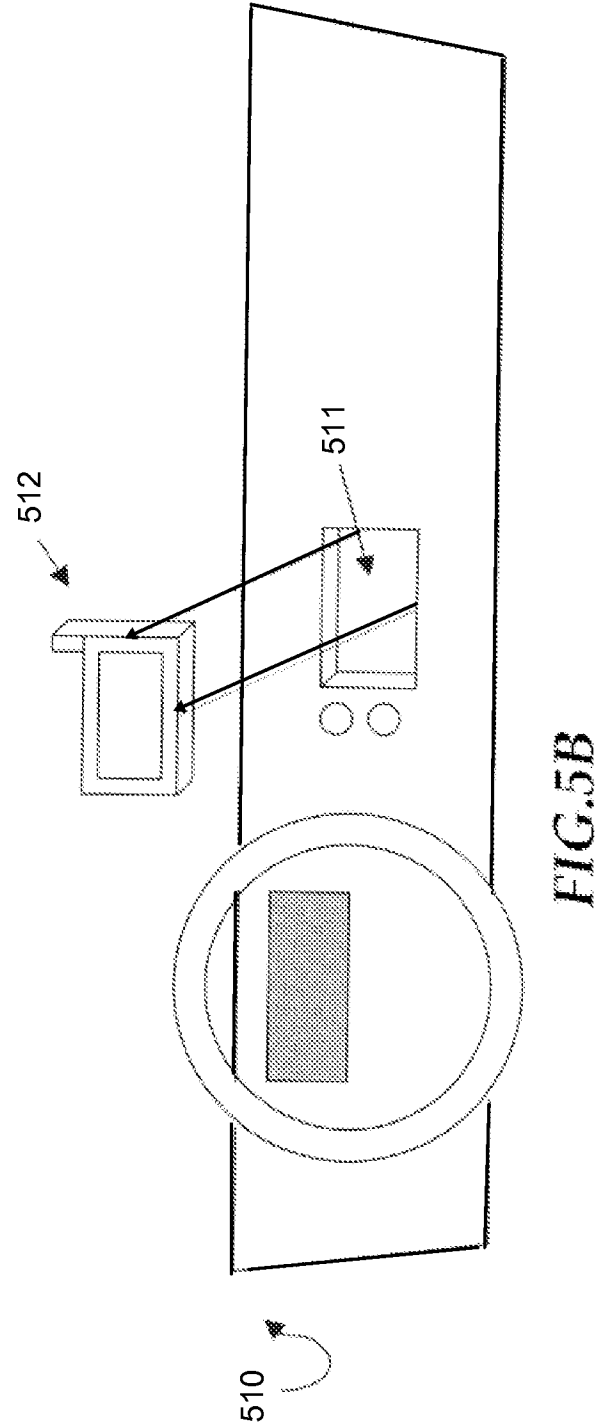
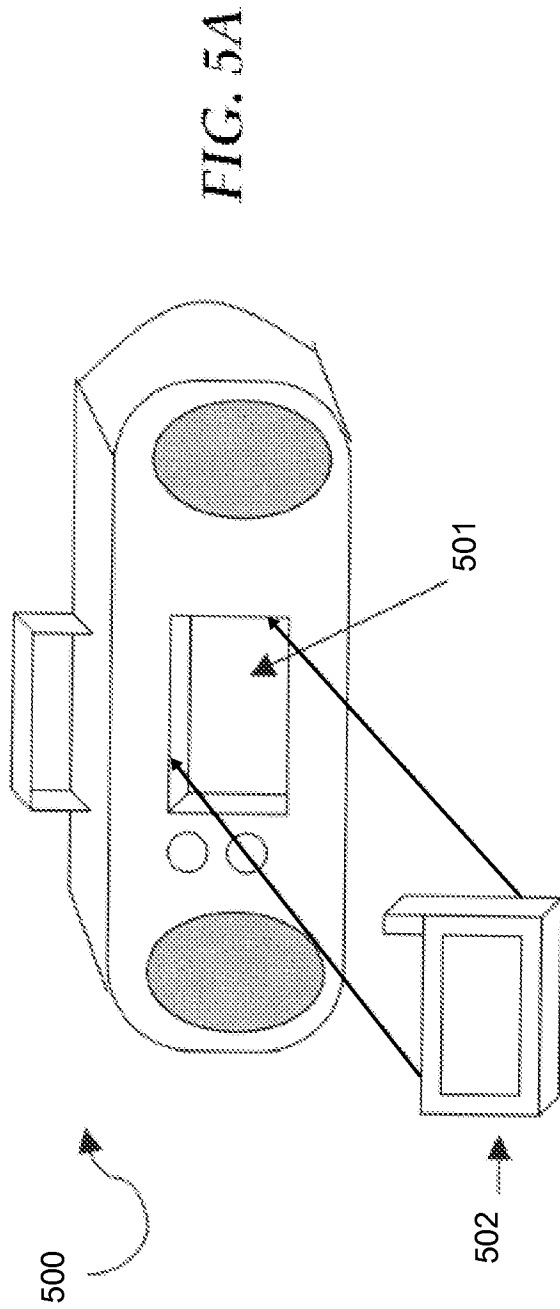


FIG. 4





6/9

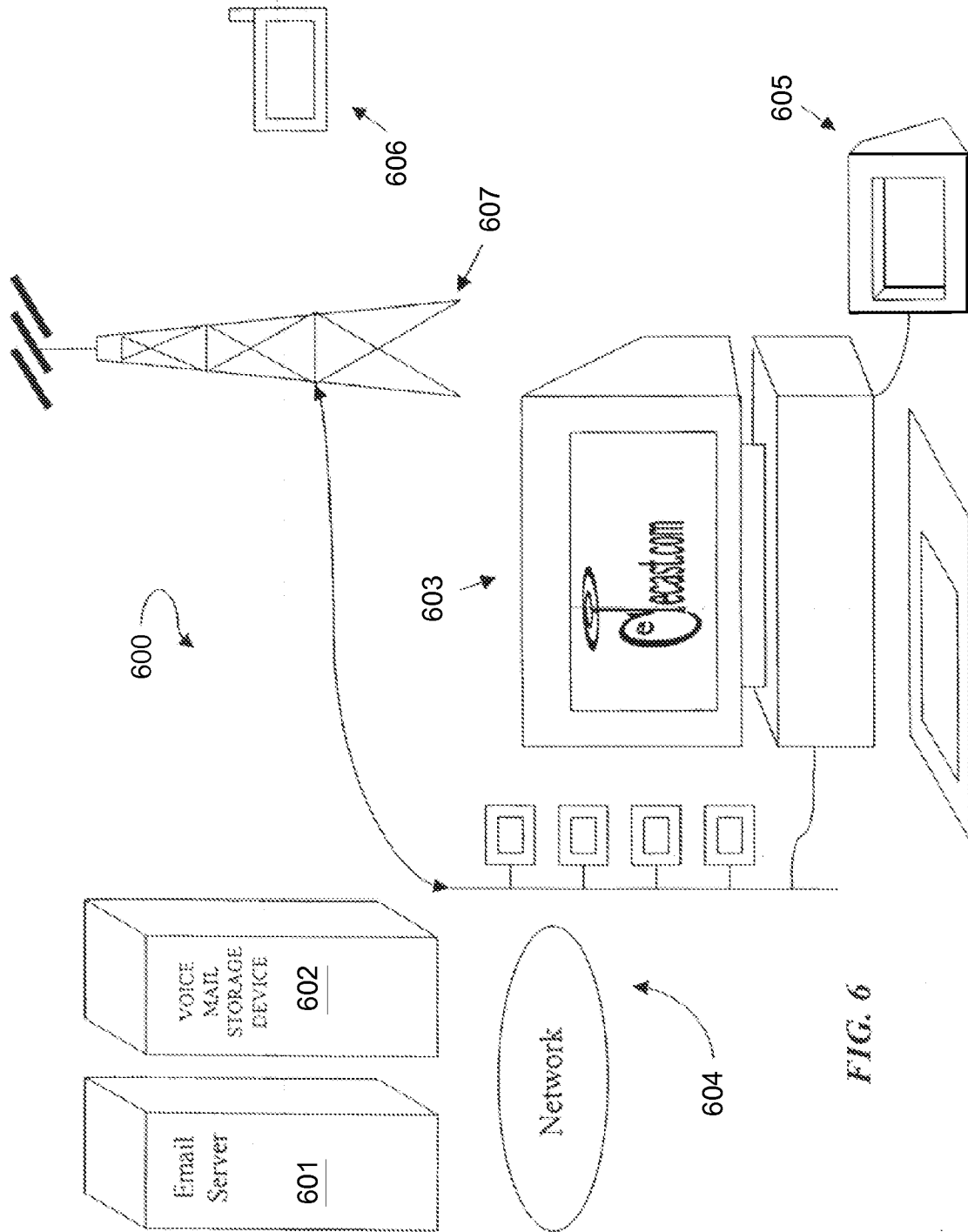


FIG. 6

9/9

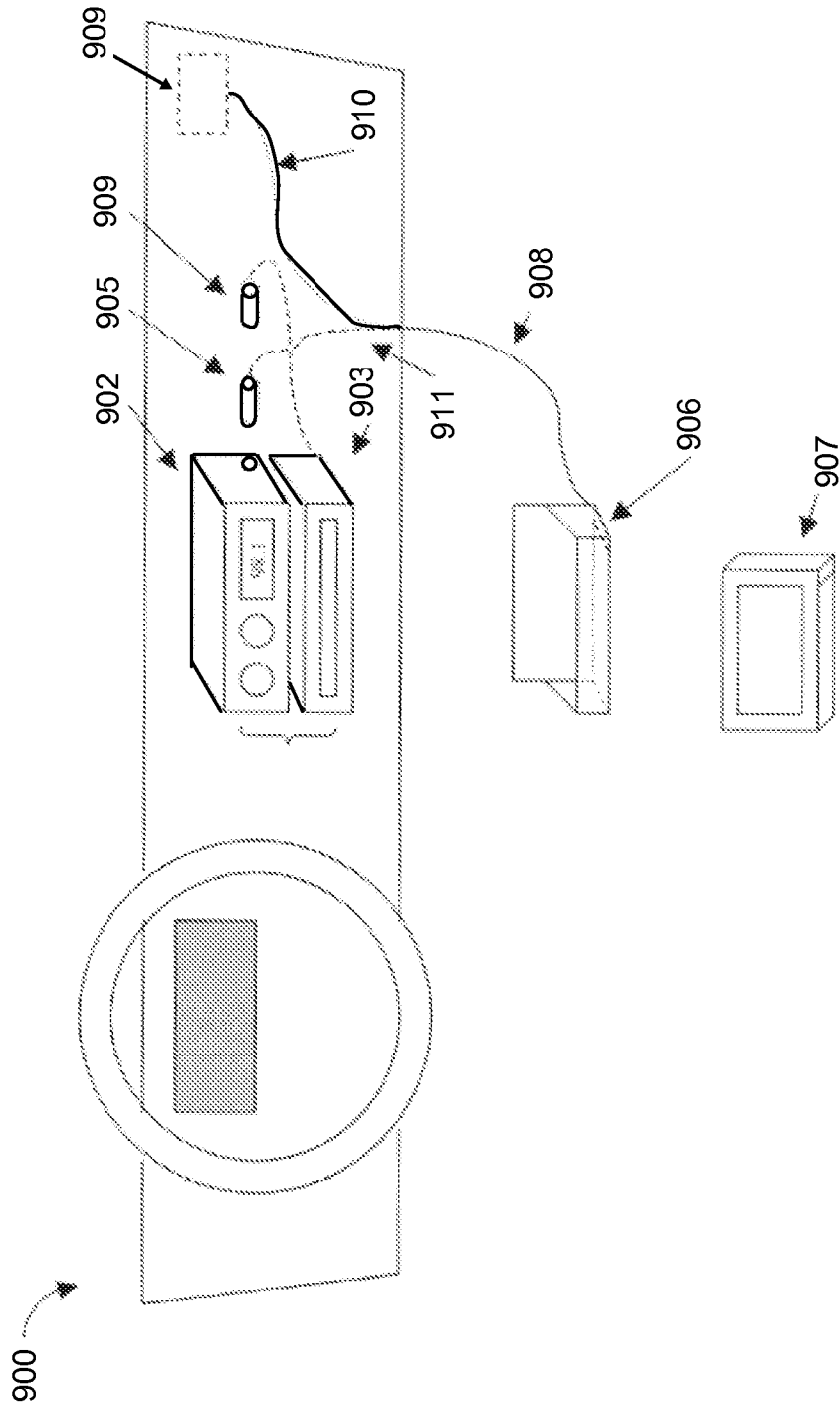


FIG. 9

## Electronic Patent Application Fee Transmittal

<b>Application Number:</b>	12015320			
<b>Filing Date:</b>	16-Jan-2008			
<b>Title of Invention:</b>	Method for Managing Media			
First Named Inventor/Applicant Name:	Russell W. White			
<b>Filer:</b>	Russell W. White/Laura H. Andre			
<b>Attorney Docket Number:</b>	111111.1111-5C			
Filed as Small Entity				
<b>Utility Filing Fees</b>				
<b>Description</b>	<b>Fee Code</b>	<b>Quantity</b>	<b>Amount</b>	<b>Sub-Total in USD(\$)</b>
<b>Basic Filing:</b>				
<b>Pages:</b>				
<b>Claims:</b>				
<b>Miscellaneous-Filing:</b>				
<b>Petition:</b>				
Petition fee- 37 CFR 1.17(h) (Group III)	1464	1	130	130
<b>Patent-Appeals-and-Interference:</b>				
Post-Allowance-and-Post-Issuance:				
<b>Extension-of-Time:</b>				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Miscellaneous:</b>				
<b>Total in USD (\$)</b>				<b>130</b>

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	3203797
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	65550
<b>Filer:</b>	Russell W. White/Laura H. Andre
<b>Filer Authorized By:</b>	Russell W. White
<b>Attorney Docket Number:</b>	111111.1111-5C
<b>Receipt Date:</b>	24-APR-2008
<b>Filing Date:</b>	16-JAN-2008
<b>Time Stamp:</b>	15:34:13
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 130
RAM confirmation Number	886
Deposit Account	503797
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)

<b>File Listing:</b>					
<b>Document Number</b>	<b>Document Description</b>	<b>File Name</b>	<b>File Size(Bytes) /Message Digest</b>	<b>Multi Part /.zip</b>	<b>Pages (if appl.)</b>
1	Petition for review by the Office of Petitions.	1111-5C_Petition_Special.pdf	65170	no	1
			7814fe7cfd0db09716fa48a1034b38d200ecfc6		
<b>Warnings:</b>					
<b>Information:</b>					
2	Information Disclosure Statement (IDS) Filed	1111-5C_IDS_Copies.pdf	798373	no	15
			5230c4cf1423c896a9f6f6a5a62131d05b17cb1c		
<b>Warnings:</b>					
<b>Information:</b>					
This is not an USPTO supplied IDS fillable form					
3	Preliminary Amendment	1111-5C_Prelim_Amend.pdf	34449	no	6
			2233f23fe6bcb090e06687cfff5b55d262a11c5b		
<b>Warnings:</b>					
<b>Information:</b>					
4	Applicant Response to Pre-Exam Formalities Notice	1111-5C_Reply_Notice_Correct.pdf	59564	no	1
			74152bcfecf5b9e1bab2b30756e4d9229b02f9d		
<b>Warnings:</b>					
<b>Information:</b>					
5	Drawings-only black and white line drawings	1111-5C_Replacement_Drawings.pdf	321165	no	7
			9e3a79572412e4116c341ab907ab8a403d071bda		
<b>Warnings:</b>					
<b>Information:</b>					
6	Fee Worksheet (PTO-06)	fee-info.pdf	8134	no	2
			71ca9601bc94e9625a704eaaa10214b49260e797		
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			1286855		

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

**New Applications Under 35 U.S.C. 111**

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

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

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

**New International Application Filed with the USPTO as a Receiving Office**

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



Applicant(s): Russell W. White  
Title: Method for Managing Media  
App. No.: 12/015,320 Filed: 01/16/2008  
Examiner: Unknown Group Art Unit: 2618  
Atty. Dkt. No.: 111111.1111-5C Confirmation No.: 2156

---

**M/S PETITIONS**

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

**PETITION TO MAKE SPECIAL PURSUANT TO 37 C.F.R. § 1.102**

Dear Commissioner:

It is respectfully requested that examination of the above-identified patent application be expedited based on current and actual infringement of the pending claims.

In support of the present Petition, the undersigned alleges:

1. There is an infringing product currently offered for sale on the open market and practiced in the United States;
2. A rigid comparison of the allegedly infringing product with the claims of the application has been made, and it is the undersigned's opinion that some of the currently pending claims are unquestionably infringed.
3. A careful and thorough search of the prior art has been made. Each identified reference related to the claimed subject matter was included in the Information Disclosure Statements dated January 16, 2008 (a copy of PTO/SB/08A is attached). Additional references learned of after January 16, 2008 were included in the Information Disclosure Statements dated April 10, 2008 (a copy of PTO/SB/08A is attached).

Any office personnel are encouraged to contact the undersigned with any question regarding this Petition or the application in general. A fee in the amount of \$130.00 is due under 37 C.F.R. § 1.17(i) upon filing this Petition. The Commissioner is hereby authorized to charge any fees that may be required, or credit any overpayment, to Deposit Account Number 50-3797.

Respectfully submitted,

\_\_\_\_\_  
April 24, 2008  
Date

\_\_\_\_\_  
/russell w white/  
Russell W. White; Reg. No. 45,691  
Attorney for Applicant(s)  
(512) 439-7100 (phone)



UNITED STATES PATENT AND TRADEMARK OFFICE

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Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY. DOCKET NO, TOT CLAIMS, IND CLAIMS. Row 1: 12/015,320, 01/16/2008, 2618, 435, 111111.1111-5C, 20, 3

CONFIRMATION NO. 2156

65550
AFFINITY LABS, LLC
10904 DOSWELL COVE
AUSTIN, TX 78739

FILING RECEIPT



Date Mailed: 04/17/2008

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Applicant(s)

Russell W. White, Austin, TX;
Kevin R. Imes, Austin, TX;

Assignment For Published Patent Application

AFFINITY LABS, LLC, Austin, TX

Power of Attorney: The patent practitioners associated with Customer Number 65550

Domestic Priority data as claimed by applicant

This application 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: 02/04/2008

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 12/015,320

Projected Publication Date: To Be Determined - pending completion of Corrected Papers

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

**Title**

Method for Managing Media

**Preliminary Class**

455

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

**LICENSE FOR FOREIGN FILING UNDER**

**Title 35, United States Code, Section 184**

**Title 37, Code of Federal Regulations, 5.11 & 5.15**

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The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



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Table with 4 columns: APPLICATION NUMBER (12/015,320), FILING OR 371(C) DATE (01/16/2008), FIRST NAMED APPLICANT (Russell W. White), ATTY. DOCKET NO./TITLE (111111.1111-5C)

CONFIRMATION NO. 2156

FORMALITIES LETTER



65550
AFFINITY LABS, LLC
10904 DOSWELL COVE
AUSTIN, TX 78739

Date Mailed: 04/17/2008

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

An application number and filing date have been accorded to this application. The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121(d) are required. The drawings submitted are not acceptable because:
• The drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(l) and (p)(1)); See Figure(s) 5A-B,6,9.
• The drawings submitted to the Office are not electronically reproducible because portions of figures 4 are missing and/or blurry.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

Replies should be mailed to:

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

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If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

/wjsale/

---

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		12015320
	Filing Date		2008-01-16
	First Named Inventor	Russell W. White	
	Art Unit		2618
	Examiner Name	GELIN, Jean Alland	
	Attorney Docket Number		111111.1111-5C

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	7065342	B1	2006-06-20	Rolf, Devon A.	
	2	6694200	B2	2004-02-17	Naim, Ari B.	
	3	6587835	B1	2003-07-01	Treyz et al.	
	4	6510210	B1	2003-01-21	Baughan, Kevin J.	
	5	6509716	B2	2003-01-21	Yi, Sang	
	6	6496692	B2	2002-12-17	Shanahan, Michael E.	
	7	6396769	B1	2002-05-28	Polany, Rany	
	8	6240297	B1	2001-05-29	Jadoul, Marc	

**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	2618
Examiner Name	GELIN, Jean Alland
Attorney Docket Number	1111111.1111-5C

9	6230322	B1	2001-05-08	Saib et al.	
10	6061306		2000-05-09	Buchheim, James	
11	5953659		1999-09-14	Ghisler, Walter	
12	5940767		1999-08-17	Bourgeois et al.	
13	5870680		1999-02-09	Guerlin et al.	
14	5774793		1998-06-30	Cooper et al.	
15	5587560		1996-12-24	Crooks et al.	
16	5586090		1996-12-17	Otte, William C.	
17	5450471		1995-09-12	Hanawa et al.	
18	5307326		1994-04-26	Osawa, Shoichi	
19	4905272		1990-02-27	Van de Mortel et al.	



**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	2618
Examiner Name	GELIN, Jean Alland
Attorney Docket Number	1111111.1111-5C

20	7020704	B1	2006-03-28	Lipscomb et al.	
21	7343414	B2	2008-03-11	Lipscomb et al.	

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 <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20030008646	A1	2003-01-09	Shanahan, Michael E.	
	2	20050010633	A1	2005-01-13	Shanahan, Michael E.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	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 <sup>5</sup>
	1		<input type="checkbox"/>

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number	12015320
	Filing Date	2008-01-16
	First Named Inventor	Russell W. White
	Art Unit	2618
	Examiner Name	GELIN, Jean Alland
	Attorney Docket Number	1111111.1111-5C

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**EXAMINER SIGNATURE**

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number	12015320
	Filing Date	2008-01-16
	First Named Inventor	Russell W. White
	Art Unit	2618
	Examiner Name	GELIN, Jean Alland
	Attorney Docket Number	1111111.1111-5C

**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	/russell w white/	Date (YYYY-MM-DD)	2008-04-10
Name/Print	Russell W. White	Registration Number	45,691

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The 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.
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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.

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	3135050
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	34456
<b>Filer:</b>	Russell W. White/Laura H. Andre
<b>Filer Authorized By:</b>	Russell W. White
<b>Attorney Docket Number:</b>	111111.1111-5C
<b>Receipt Date:</b>	10-APR-2008
<b>Filing Date:</b>	16-JAN-2008
<b>Time Stamp:</b>	16:31:39
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	1111-5C_IDS_SB08.pdf	944278 <small>8b4ac5b938c3fe32df3f555de981732213ec42ee</small>	no	6

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**New Applications Under 35 U.S.C. 111**

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

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

**New International Application Filed with the USPTO as a Receiving Office**

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

Application Number	12/015,320
Filing Date	01/16/2008
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	GELIN, Jean Alland
Attorney Docket Number	111111.1111-5C

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I am the:

- Applicant/Inventor
- Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- Attorney or agent of record. Registration Number 45,691.
- Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_.

Signature /russell w white/Typed or Printed  
Name Russell W. WhiteDate 2008-04-10Telephone (512) 301-5518

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

 \*Total of \_\_\_\_\_ forms are submitted.

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## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	3135626
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	34456
<b>Filer:</b>	Russell W. White/Laura H. Andre
<b>Filer Authorized By:</b>	Russell W. White
<b>Attorney Docket Number:</b>	111111.1111-5C
<b>Receipt Date:</b>	10-APR-2008
<b>Filing Date:</b>	16-JAN-2008
<b>Time Stamp:</b>	17:11:49
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Change of Address	1111-5C_COC_SB_122.pdf	53621 <small>75a5f4eb88d8991e25c01ac3ee3c7a37cd8c7c72</small>	no	1

### Warnings:

### Information:



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.

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

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

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

**New International Application Filed with the USPTO as a Receiving Office**

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		
	First Named Inventor	Russell W. White	
	Art Unit		
	Examiner Name	Unknown	
	Attorney Docket Number	111111.1111-5C	

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	7149772		2006-12-12	Kalavade, Asawaree P	
	2	7145898		2006-12-05	Elliott, Isaac K.	
	3	7130807		2006-10-31	Mikurak, Michael G.	
	4	7124101		2006-10-17	Mikurak, Michael G.	
	5	6978127		2005-10-20	Bulthuis et al.	
	6	6909708		2005-06-21	Krishnaswamy et al.	
	7	6904449		2005-06-07	Quinones; David B.	
	8	6901067		2005-05-31	Kalavade; Asawaree P.	

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

Application Number		
Filing Date		
First Named Inventor	Russell W. White	
Art Unit		
Examiner Name	Unknown	
Attorney Docket Number	1111111.1111-5C	

9	6888929		2005-05-03	Saylor et al.	
10	6842906		2005-01-11	Bowman-Amuah; Michel K.	
11	6792086		2005-04-04	Saylor et al.	
12	6754181		2004-09-04	Elliott et al.	
13	6742015		2004-05-25	Bowman-Amuah; Michel K.	
14	6731625		2004-05-04	Eastep et al.	
15	6715145		2004-03-30	Bowman-Amuah; Michel K.	
16	6707889		2004-03-16	Saylor et al.	
17	6697824		2004-02-24	Bowman-Amuah; Michel K.	
18	6671818		2003-12-20	Mikurak; Michael G.	
19	6640249		2003-10-28	Bowman-Amuah; Michel K.	

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

Application Number		
Filing Date		
First Named Inventor	Russell W. White	
Art Unit		
Examiner Name	Unknown	
Attorney Docket Number	1111111.1111-5C	

20	6640244		2003-10-28	Bowman-Amuah; Michel K.	
21	6640238		2003-10-28	Bowman-Amuah; Michel K.	
22	6636242		2003-10-21	Bowman-Amuah; Michel K.	
23	6615253		2003-09-02	Bowman-Amuah; Michel K.	
24	6615199		2003-09-02	Bowman-Amuah; Michel K.	
25	6606744		2003-08-12	Mikurak; Michael G.	
26	6606660		2003-08-12	Bowman-Amuah; Michel K.	
27	6601234		2003-07-29	Bowman-Amuah; Michel K.	
28	6601192		2003-07-29	Bowman-Amuah; Michel K.	
29	6578068		2003-07-10	Bowman-Amuah; Michel K.	

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Application Number		
Filing Date		
First Named Inventor	Russell W. White	
Art Unit		
Examiner Name	Unknown	
Attorney Docket Number	111111.1111-5C	

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

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Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> i	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>

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**EXAMINER SIGNATURE**

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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.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

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

Application Number		
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First Named Inventor	Russell W. White	
Art Unit		
Examiner Name	Unknown	
Attorney Docket Number	111111.1111-5C	

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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	/russell w white/	Date (YYYY-MM-DD)	2008-01-16
Name/Print	Russell W. White	Registration Number	45691

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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.
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		
	First Named Inventor	Russell W. White	
	Art Unit		
	Examiner Name	Unknown	
	Attorney Docket Number	111111.1111-5C	

U.S.PATENTS							Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
	1	6571282		2003-07-57	Bowman-Amuah; Michel K.		
	2	6550057		2003-04-15	Bowman-Amuah; Michel K.		
	3	6549949		2003-04-15	Bowman-Amuah; Michel K.		
	4	6539396		2003-03-25	Bowman-Amuah; Michel K.		
	5	6529948		2003-03-04	Bowman-Amuah; Michel K.		
	6	6529909		2003-03-04	Bowman-Amuah; Michel K.		
	7	6502213		2002-12-31	Bowman-Amuah; Michel K.		
	8	6501832		2002-12-31	Saylor et al.		



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

Application Number		
Filing Date		
First Named Inventor	Russell W. White	
Art Unit		
Examiner Name	Unknown	
Attorney Docket Number	1111111.1111-5C	

	9	6496850		2002-12-17	Bowman-Amuah; Michel K.	
	10	6477665		2002-11-05	Bowman-Amuah; Michel K.	
	11	6477580		2002-11-05	Bowman-Amuah; Michel K.	
	12	6442748		2002-08-27	Bowman-Amuah; Michel K.	
	13	6438594		2002-08-20	Bowman-Amuah; Michel K.	
	14	6434628		2002-08-13	Bowman-Amuah; Michel K.	
	15	6434568		2002-08-13	Bowman-Amuah; Michel K.	
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First Named Inventor	Russell W. White	
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Examiner Name	Unknown	
Attorney Docket Number	1111111.1111-5C	

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Application Number		
Filing Date		
First Named Inventor	Russell W. White	
Art Unit		
Examiner Name	Unknown	
Attorney Docket Number	111111.1111-5C	

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See attached certification statement.

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

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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	/russell w white/	Date (YYYY-MM-DD)	2008-01-16
Name/Print	Russell W. White	Registration Number	45691

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## **METHOD FOR MANAGING MEDIA**

Russell W. White  
Kevin R. Imes

### **Field of the Disclosure**

[0001] The present disclosure relates to digitally stored content and, more specifically, to a content delivery system and method.

### **Related Applications**

[0002] This application is a continuation of U.S. Patent Application Serial No. 10/947,755 (filed September 23, 2004 and now U.S. Patent No. 7,324,833, to issue January 29, 2008) entitled “System and Method for Connecting a Portable Audio Player to an Automobile Sound System,” which is a continuation of U.S. Patent Application Serial No. U.S. Patent Application Serial No. 09/537,812 (filed March 28, 2000 and now U.S. Patent No. 7,187,947, issued March 6, 2007) entitled “System and Method for Communicating Selected Information to an Electronic Device,” the disclosures of which are all hereby incorporated herein by reference in their entirety for all purposes.

## **BACKGROUND**

[0003] The first commercial radio stations in the United States began operation around 1920. Today, there may be as many as 12,000 radio stations in the United States programming in several distinct formats. When broadcasting their respective signals, these radio stations often use an analog signal, which may be modulated based on frequency or amplitude. Frequency modulated (FM) radio appears to be the dominant entertainment medium while amplitude modulated (AM) radio seems to be a popular outlet for news and information.

[0004] Unfortunately, analog radio may be unable to provide the sound quality and consistency that radio listeners desire. As such, several broadcasting related companies have begun to consider a movement to digital radio. Unlike analog radio reception, digital radio reception may be able to provide compact disk (CD) quality sound while remaining virtually immune to interference. Being immune to interference may result in reducing static growls or “multipath” echoes, echoes caused by signal reflections off buildings or topographical features.

[0005] Some countries, like Canada and many European countries, may choose to have digital radio operate in a single digital radio band such as the L-band between 1452-1492 megahertz (MHz). This band would allow the reception of both terrestrially and satellite-originated signals. By comparison, FM radio typically operates between 88 and 108 MHz while AM radio typically operates between 0.525 and 1.705 MHz. Neither of these bands allows for easy transmission via satellite.

[0006] Canada proposed using the L-Band for digital radio as early as 1992. Several countries throughout the world have since agreed to use the L-Band for digital radio with one notable exception. It appears the United States has chosen not to operate its digital radio within the L-Band. In the United States, the L-Band may already be committed for military uses. Apparently, the United States plans to adopt a system called in-band on-channel, or IBOC, which fits within the AM and FM frequencies.

[0007] IBOC technology may offer some advantages over L-Band transmissions. For example, there may be no need for new spectrum allocations. There may be backward and forward compatibility with existing AM and FM systems on both the transmitter and receiver sides, and there may be a low-investment upgrade to digital systems. Unfortunately, a workable IBOC solution is yet to be seen though technology may someday make IBOC digital radio commercially possible.

[0008] Even if an IBOC solution becomes commercially available in the United States, IBOC digital radio may suffer from several shortcomings. For example, there may global standardization problems. Though the United States favors IBOC, the European and Canadian communities seem to favor L-Band making the establishment of a global standard difficult.



## BRIEF DESCRIPTION OF THE DRAWINGS

[0009] A more complete understanding of the present embodiments and advantages thereof may be acquired by referring to the following description taken in conjunction with the accompanying drawings, in which like reference numbers indicate like features, and wherein:

[0010] **FIG. 1** depicts a general system for wirelessly communicating selective information to an electronic device in accordance with one aspect of the present invention;

[0011] **FIG. 2** illustrates a block diagram of a method of wirelessly communicating selected information to an electronic device;

[0012] **FIG. 3** illustrates an electronic device operable to receive selected audio information in accordance with the teachings of the present invention;

[0013] **FIG. 4** illustrates a graphical user interface (GUI) for displaying selectable audio information according to one aspect of the present invention;

[0014] **FIG. 5A** illustrates a portable radio system having a mount for an electronic device according to one embodiment of the present invention;

[0015] **FIG. 5B** illustrates an automobile console having a mount for coupling an electronic device according to one aspect of the present invention;

[0016] **FIG. 6** illustrates a block diagram of a system for communicating voice mail messages using email according to one embodiment of the present invention;

[0017] **FIG. 7** illustrates a flow chart for providing voice email messages according to one embodiment of the present invention;

[0018] **FIG. 8** illustrates a flow diagram of a method for providing selected audio information to an electronic device according to one embodiment of the present invention; and

[0019] **FIG. 9** illustrates an automobile console having a mount for an electronic device according to one embodiment of the present invention.

## **DETAILED DESCRIPTION OF THE DRAWINGS**

[0020] The conceptual groundwork for the present invention includes wirelessly communicating selective information to an electronic device. According to one aspect, a user may interact with the Internet to select information, such as audio information, and wirelessly communicate the selected information to an electronic device. The electronic device receives the information via a wireless communications network and processes the information accordingly. In a particularized form, a user may select information from an Internet website operable to allow selectivity of audio information such as songs, on-line radio stations, on-line broadcasts, streaming audio, or other selectable information. Upon selecting the audio information, information or data associated with the selected audio information is wirelessly communicated to an electronic device. The electronic device may then be used to process the selected audio information. In this manner, a user may receive selective audio information via a wireless electronic device.

[0021] In one form, the electronic device may be operable to communicate with an individual's automobile audio system. A user may select audio information utilizing a personal computer with access to a website operable to display selectable audio information. The selected audio information may then be wirelessly communicated to the electronic device associated with an automobile's audio system. Therefore, upon receiving the selected audio information, a user may access and play the received audio information utilizing the electronic device in association with the automobile's audio system.

[0022] The present invention is not limited to communicating only audio information. One skilled in the art can appreciate that other types of information, such as video, textual, etc. may be communicated utilizing the systems and methods disclosed herein without departing from the spirit and scope of the present invention. Additionally, it will be understood that information may be formatted in a plurality of ways at different phases of communication without losing the underlying content of the selected information. For example, an audio file may be formatted, segmented, compressed, modified, etc. for the purpose of providing or communicating the audio invention. Therefore, the term

“audio information” or “information” is used in a general sense to relate to audio information in all phases of communication.

[0023] FIG. 1 depicts a general system for wirelessly communicating selective information to an electronic device in accordance with one aspect of the present invention. The system, illustrated generally at 100, includes a digital engine 101 coupled to a communications engine 102. Communications engine 102 is remotely coupled to an electronic device 103. Digital engine 101 may be directly or indirectly coupled to storage device 105 operable to store information. Digital engine 101 maintains information or data associated with selected information in a digital format. The information may be stored within storage device 105 or other storage devices operable to maintain data or information associated with the selected information.

[0024] Communications engine 102 is communicatively coupled to digital engine 101 and operable to wirelessly communicate the selected information to electronic device 103. During operation, audio information may be selected by a user utilizing a personal computer or other devices operable to communicate with an information network. Digital engine 101 is operable to maintain information associated with the selected audio information. For example, the information could be several songs or titles configured as an audio file and formatted in a digital format such as an MP3 file, wave file, etc. The maintained information may also be a reference to a network location where an audio file may be stored, a network location where a network broadcast of audio information may be located, etc. or other network locations having information associated with the selected audio information. Therefore, digital engine 101 may maintain a plurality of different types of information or data associated with the selected audio information.

[0025] System 100, utilizing communication engine 102, may wirelessly communicate data or information associated with the selected audio information to electronic device 103 thereby providing wireless communication of selected information to an electronic device operable to receive wireless communications. In one embodiment, digital engine 101 may be used in association with an Internet website configured to provide access to selectable information. The Internet website operably associated with digital engine 101

allows a user to select information to be wirelessly communicated to electronic device 101 utilizing a network environment. The Internet website may include several different types of information related to audio information.

[0026] FIG. 4, described in greater detail below, illustrates one embodiment of providing an Internet website for displaying selectable audio information. For example, the Internet website may include music and/or artist search engines, playlists, top 10 charts, artists by genre, and other information associated with audio information. A user may select information associated with the audio information and digital engine 101 can maintain the information or data associated with the selected information in a digital format. Communications engine 102 coupled to digital engine 101 may wirelessly communicate data associated with the selected audio information to electronic device 103. Therefore, a user may access and select audio information via an Internet website and wirelessly communicate the data to an electronic device. As such, system 100 advantageously allows for wireless communication of selected audio information to electronic devices that may be remotely located from a conventional terrestrial communication network.

[0027] Electronic device 105 may be configured in a plurality of ways for receiving wireless communication of selected audio information. In one embodiment, electronic device 105 may be operable as a component configured to receive a cellular signal comprising the selected information communicated by the communication engine. For example, a device having a cellular modem may be operable to receive the information at specified intervals. Upon receiving the information the electronic device may process the received information. Electronic devices are described in more detail below and may include a network radio, a modular device, an audio system, a personal digital assistant (PDA), a cellular phone, or other electronic devices operable to receive information wirelessly communicated by communication engine 102.

[0028] Communications engine 102 may be operable to wirelessly communicate selected information to electronic device 103 in a plurality of ways. The present invention advantageously allows for several different embodiments of wirelessly communicating selected audio information to electronic device 103 and is not limited to any specific

configuration described below. Several different types or combinations of wireless communication may be realized by the present invention. Communications engine 102 may be operable to wirelessly communicate the selected information from an information network, such as the Internet, to an electronic device operable to receive wireless communications. In one embodiment, communications engine 102 may comprise a conduit to interface information with a wireless communication network. The conduit may configure the information located within the information network into a format operable to be transmitted via wireless communication.

**[0029]** For example, a wireless device may be operable to receive packets of information having a specific size and in a specific format. In such an embodiment, communications engine 102 could format the information into a desirable format for wirelessly communicating the information to electronic device 103. Several types of wireless communication may be used by communications engine 102 to communicate the selected information to an electronic device. Communications networks such as GSM, Digital Satellite communication, SB, Radio bands, DRC, SuperDRC or other systems or types of transmission such as TDMA, CDMA, spread spectrum, etc. or frequencies such as between about 1.7 GHz and 2.0 GHz may be realized by the present invention for communicating information or data representing the selected audio information to electronic device 103.

**[0030]** In one embodiment, the selective information may be communicated using a digital broadcast signal. Digital broadcast includes providing information via a signal such as AM, FM, and the like. Digital information may be included or encoded as a sub-carrier within the broadcast signal and received by electronic device 103. A digital sub-carrier may include a selective bandwidth of frequencies for a specific radio station (i.e., 6 MHz for FM). The selective information may be wirelessly communicated to electronic device 103 utilizing a communication engine 102 operable to communicate the selective information via a digital FM signal. In this manner, selective information may be communicated within digital FM sub-carriers to an electronic device operable to receive the information. For example, a user may subscribe to communicate the

information via an FM sub-carrier and receive the selective data through wireless communication via a specified FM sub-carrier.

**[0031]** In one embodiment, the selected information may be formatted and transmitted to achieve a desirable transmission rate. For example, conventional systems may transmit information at a speed of 10 kilobits per second. Therefore, for 1 megabyte of information to be communicated to an electronic device, a transmission time of approximately 800 seconds may be required. The present invention may allow for a relative increase in transmission speed by removing the requirement that information be communicated asynchronously to an electronic device. For example, conventional wireless communication utilizes a specified frequency to communicate information in two directions (i.e., cellular phones). As such, information is communicated across a channel in an asynchronous manner to provide a continuous audio signal to the recipient.

**[0032]** The present invention advantageously allows for signals to be transmitted to an electronic device in a less than asynchronous manner. For example, if a user selected a song to be wirelessly communicated to an electronic device, system 100 could communicate the information in a less than asynchronous manner allowing the selected information to be transmitted efficiently thereby decreasing the overall download time for the selected audio information. In one embodiment, the selected information may be compressed and transmitted across the same frequency but at different phases thereby allowing plural signals having different phases to be wirelessly communicated to an electronic device. Therefore, the electronic device may be operable to receive multiple phased signals and process the selective information accordingly.

**[0033]** In one embodiment, the information may be wirelessly communicated at a relatively slow transmission rate. For example, a user may schedule when the selected audio information may be used by electronic device 103. The user may select several different audio tracks or songs to be transmitted to an electronic device associated with the user's vehicle such that the user can listen to the user selected audio information during the drive home at the end of a workday. Therefore, it may be desirable to utilize a slower transfer speed due to the extended amount of time available prior to actual use of

the selected audio information. In this manner, communications networks having less or slower transfer rates may be used to wirelessly communicate the selected audio information to the electronic device.

[0034] In another embodiment, high-speed wireless communication networks may be used to communicate the selected audio information. For example, a user may want to listen to an Internet broadcast of an Internet radio station. Therefore, high-speed communication may be required to wirelessly communicate or stream the selected audio information to an electronic device. In another embodiment, a hybrid of wireless communication rates may be deployed depending on the requirements of the selected audio information and/or the electronic device. For example, the selected audio information may first be transmitted to the electronic device via high-speed communication until enough information has been wirelessly communicated and buffered into a memory device operably associated with the electronic device. Upon communication of a certain percentage of the selected audio information, slower communication speeds may then be used to communicate additional selected audio information.

[0035] Therefore, system 100 may be configured in a plurality of ways to communicate selected information to electronic device 103. Digital engine 101 may be used to maintain data or information associated with the selected information and communication engine 102, communicatively coupled to digital engine 101, may wirelessly communicate selected information to electronic device 103.

[0036] FIG. 2 illustrates a block diagram of a method of wirelessly communicating selected information to an electronic device. The method may be used in association with the system illustrated in FIG. 1 or other systems operable to utilize the method of FIG. 2.

[0037] The method begins generally at step 200. At step 201, selectable audio information may be accessed utilizing a network communications device. For example, selectable audio information may be displayed at an Internet website accessible by a personal computer. In another embodiment, the selectable information may be accessed



utilizing a wireless communications device such as, a cellular phone, a PDA device, or other devices operable to provide access to the selectable audio information.

[0038] Upon accessing the selectable information, the method proceeds to step 202 where a user can identify or select audio information to be wirelessly communicated to an electronic device. For example, a user may select an entire album to be wirelessly communicated to a PDA device.

[0039] Upon the user selecting the audio information, the method proceeds to step 203 where the method maintains information associated with the selected information. In one embodiment, the information may be an audio file, such as a wave file, and MP3 file, etc. representative of the selected audio information. In another embodiment, a network location that comprises a file representing the selected information may be maintained. Another example may include a network location of a network broadcast of audio information. Therefore, the method at step 203 may maintain several different types of information associated with the selected audio information.

[0040] Upon maintaining information or data associated with the selected information, the method proceeds to step 204 where the method wirelessly communicates information associated with the selected information to an electronic device. For example, if an audio file associated with the selected audio information was maintained, the method would communicate the audio file to the electronic device. In another embodiment, a link or network address broadcasting the selected audio information may be accessed and, at step 204, wirelessly communicated to an electronic device. In another embodiment, a combination of different types of audio information may be wirelessly communicated to an electronic device. Upon transmitting the selected audio information, the method proceeds to step 205 where the method ends.

[0041] Selected audio information may be communicated in a plurality of ways as described above including communicating via a cellular communications network to an electronic device operable to receive cellularly-communicated signals. For example, the information may be selected from a website operable to display selectable information. Upon selecting the audio information, a data file representing the selected audio

information may be wirelessly communicated to an electronic device thereby allowing a user to select audio information via the Internet and wirelessly communicate the information to an electronic device.

[0042] In some embodiments, the wireless communication to an electronic device may occur in an off-line environment. For example, a user may go “on-line” to access a website and select information and then go “off-line” or end the browsing session. The wireless communication may then occur while the user is off-line thereby removing the confines of using an active or on-line browsing environment (i.e. Internet radio broadcast, streaming audio, etc.) for accessing selected information. Therefore, the method of FIG. 2 allows for information, such as audio information, to be communicated from a network location such as a web site, to an electronic device “via” wireless communication. The present invention advantageously allows users to access and download information accessible by a network location to an electronic device operable to receive wireless communications thereby reducing the need for land lines, terrestrial communication networks, etc. for communicating selective information.

[0043] In one embodiment, the method of FIG. 2 may be deployed in association with an Internet website operable to display selectable links for downloading information. The information may include audio information such as MP3s, streaming audio, streaming, Internet broadcasts, etc. are selectable by a user and operable to be wirelessly communicated to an electronic device. By providing a user with a website of selectable audio information operable to be wireless communicated to an electronic device, a user may customize information communicated to an electronic device. In one embodiment, a user may communicate information to an electronic device that may not be owned by the user. For example the method of FIG. 2 could be modified to allow a user to wirelessly communicate audio information to a plurality of electronic devices that may or may not be owned by the user.

[0044] FIG. 3 illustrates an electronic device operable to receive selected audio information in accordance with the teachings of the present invention. Electronic device 300 includes a communication module 301 such as a transceiver coupled to storage

medium 303 such as a high speed buffer, programmable memory, or other devices operable to store information. Electronic device 300 may also include processor 302 operably associated with communication module 301 and storage medium 303. Processor 302 may be operable to process wirelessly communicated selected information and in one embodiment may be integrated as part of communication module 301 of storage medium 303. In the same manner, as larger scale integration of electronic devices proliferate, communication module 301, processor 302, and storage medium 303 may be integrated into one communication component or device operable as electronic device 300.

[0045] Processor 302 may be operable using software that may be stored within storage medium 303. In one embodiment, software upgrades may be communicated to electronic device 300 via wireless communication allowing for efficient system upgrades for electronic device 300. Storage medium 303 may include one or several different types of storage devices. For example, storage medium 303 may include programmable gate arrays, ROM devices, RAM devices, EEPROMs, minidisks or other memory devices operable to store information.

[0046] During use, electronic device 300 receives wireless communications of selective information. The information may be transmitted via a wireless communications network and received by electronic device 300 via transceiver 301. Transceiver 301 may be operable to convert the received wireless communication signal into a desirable format and store the received information within storage medium 303. The received information may then be processed by electronic device 300.

[0047] In one embodiment, electronic device 300 may be operable as an audio player configured to play digital representations of music. For example, electronic device 300 may also include an MP3 player operable to process the received information into an audio signal. Therefore, electronic device 300 may be used to receive wirelessly communicated MP3 audio files and play these files using an MP3 player when desired. In another embodiment, electronic device 300 may be configured as a PDA wherein the PDA includes a web browser operable to wirelessly communicate with the Internet. The

PDA device may include a user interface allowing a user to select information to be wirelessly communicated to electronic device 300.

[0048] By providing a website of selectable information, the PDA devices may provide an efficient embodiment for electronic device 300 in that it allows a user to access and select information using a wireless communication network and receive the selected information using the same or different wireless communication network. In yet another embodiment, electronic device 300 may be configured as a component operable to receive selective information via wireless communication and communicate the information to a second electronic device such as an automobile sound system, home stereo, etc.

[0049] For example, electronic device 300 may utilize transceiver 301 to receive wirelessly communicated information. Electronic device 300 may then be coupled to an automobile sound system using an interface and communicate the received information to the automobile sound system. In this manner, electronic device 300 may be used to provide the automobile sound system with audio files received via wireless communication.

[0050] In another embodiment, electronic device 300 may be operable to communicate the received audio information to an audio system via a localized communications-signaling network. One such network may include utilizing “Bluetooth” communication standard, used to provide communication between electronic devices in a proximal setting. In one embodiment, electronic device 300 may be integrated into an audio component such as a radio receiver. Electronic device 300 integrated into an audio component may be configured to process digital audio files wirelessly communicated to an audio component. In another embodiment, electronic device 300 may be operable to communicate with an analog receiver at a predetermined frequency.

[0051] For example, a specific frequency may be selected (i.e., 93.7 MHz) for communicating the wireless received selected information from electronic device 300 to a localized audio system. Electronic device 300 communication of the wirelessly received information allows a conventional receiver to receive the selected audio

information. In one embodiment, the conventional receiver may be configured to receive a digital sub-carrier, on-carrier, or other within a specified frequency. Therefore, electronic device 300 may be operable to locally transmit the signal at a specific frequency thereby allowing the conventional receiver to receive the information. In another embodiment, electronic device 300 may be operable to scan plural bandwidths to receive the selective information. For example, transceiver 301 may be operable to receive selective information across several frequencies and process the received information accordingly.

**[0052]** In another embodiment, electronic device 300 may be operable to scan several frequencies to obtain the desirable information. For example, a user may select several Internet broadcasts comprised of streaming audio information. Therefore, the information may be transmitted across several wireless frequencies receivable by electronic device 300. Electronic device 300 may then be operable to allow a user to scan wirelessly communicated Internet broadcast signals thereby providing a user selected virtual broadcast radio network. In another embodiment, electronic device 300 may include a user interface operable to communicate with an Internet website operable to display selectable audio information. The Internet website may be configured as a user-preferred environment displaying a users selected audio information. Internet broadcast selections, streaming audio selections, etc.

**[0053]** With a display device for displaying a Website having selectable information, electronic device 300 may allow a user to select audio information via a user interface and receive the selected information via wireless communication thereby providing a customizable WebRadio device for the user. In another embodiment, electronic device 300 may be a modular device configured to be coupled to, for example, a portion of a cars interior. For example, electronic device 300 may be mounted to a portion of a car's console thereby providing a removably coupled electronic device operable to wirelessly receive selected audio information. As a removable device, electronic device 300 may also be coupled to a home audio system, a portable radio system or other systems thereby providing a versatile electronic device operable to receive wirelessly communicated selected audio information.

[0054] In another embodiment, electronic device 300 may be operable as a PDA and/or a cellular phone that may be mounted to an automobile's console. Electronic device 300 may then integrate with a user's automobile to provide an all-encompassing communications device. For example, electronic device 300 configured as a PDA and cellular phone may allow for communication with a user's email account, voice mail account, the Internet, as well as allowing for the receipt of selected audio information via wireless communication. Electronic device 300 may be operable in a hands-free mode allowing a user to maintain safe driving fundamentals. During use, electronic device 300 may be processing selective audio information for communicating with an automobile audio system and may further be operating to receive incoming cellular calls.

[0055] Electronic device 300 may be set-up by the user to pause the music being played and allow the received cellular call to be communicated either via an independent speaker or utilizing the automobiles "audio system." Additionally, electronic device 300 may be operable to adjust the listening level of an automobile's audio system, it may play received voice mail messages, allow a user to view the Internet, etc. In one embodiment, electronic device 300 may be operable as a dual mode electronic device capable of receiving both digital and analog wireless communication signals. In this manner, electronic devices may efficiently utilize available bandwidth for receiving selected information from a communications engine. For example, transceiver 301 may be a wireless communications modem operable to receive digital or analog signals.

[0056] FIG. 4 illustrates a graphical user interface (GUI) for displaying selectable audio information according to one aspect of the present invention. The GUI may be operable with a computer system, cellular device, PDA, or other electronic devices or systems operable to display the GUI of FIG. 4. The GUI, shown generally at 400, may be displayed using a conventional web browser 402 such as Microsoft<sup>®</sup> Internet Explorer, a WAP browser, or other browsers operable to display the audio information. Browser 402 includes browser functions, shown collectively at 403, for navigating a network such as the Internet or an intranet. Homepage 401 may be displayed using browser 402 and may include several functions, features, information, etc. related to audio information. Home

page 401 may be developed using several different types of programming (i.e., HTML, XML, Java, etc.) used to developing a network location or website.

[0057] The present invention is not limited to any one specific type of software and may be realized in plurality of ways as can be appreciated by those skilled in the art.

Homepage 401 may also include login region 410 allowing a user to log into homepage 401 and display a user-preferred environment. For example, a user may want Radio Dial 412 to appear when a user logs into homepage 401. In another embodiment, a user may want to view a current playlist selected by the user or the status of wirelessly communicated playlist. A user may also provide demographic information allowing advertisers to access the demographic information and provide advertisements based upon the demographic information. For example, an advertiser may want to target Hispanic females in the 21-25 year old age group.

[0058] Through providing demographic information to advertisers, when a user logs into homepage 401 selective advertising can be “targeted” for a group of users. Homepage 401 may also include several tabs for efficiently navigating homepage 401. Library tab 405 may be provided to allow a user to browse available audio information that may be presented by title, genre, artist, decade, culture, etc. Store tab 407 may also be provided for locating items available for purchase such as CDs, PDA devices, MP3 players, wireless communication hardware, interfaces, software or other types of products that may be purchased while on-line. Chat tab 408 may also be provided allowing a user to chat with other users of home page 401. For example, a guest musical artist may be available to chat with visitors of home page 401 via a chat page associated with chat tab 408. Home page 401 may also include contest tab 409 for displaying current contests, prizes, and/or winners.

[0059] Radio tab 406 may also be provided for displaying audio information. For example, radio tab 406 may display a collective menu 411 of selectable functions or features associated with audio information. Top ten lists may be provided to a user based on several different billboard polls or genres. A search engine may be provided allowing a user to search for a specific type of audio information such as an artist, song title, and

genre. Internet radio station, etc. In one embodiment, a user may input the lyrics to a song within the search engine. As such, the search engine may locate several different songs having the desirable lyrics and allow a user to select the search results. A user may also use a select a device feature that allows a user to select a destination device for communicating selected audio information. For example, a user may want to communicate a playlist to several different devices such as a PDA, a home computer system, a work computer system, etc.

**[0060]** As such, a user can communicate selective information to several devices without having to download the information separately for each device. A send a friend link may also be provided allowing a user to send selective audio information to a friend's electronic device. A user may also join a group comprised of individuals that select a certain genre of music to be communicated to the user's electronic device. For example, a user may want to join a group that plays only 50s swing music. As such, the user could communicate the group's selected songs to the user's electronic device. A user may also utilize an email account provided by homepage 401 allowing a user to correspond with others via email. A user may also access a list of guest DJs that may provide playlists of songs chosen by the guest DJ and selectable by a user.

**[0061]** In one embodiment, a user's radio dial 412 may be provided when a registered user logs into homepage 401. As such, radio dial 412 may include several functional buttons similar to conventional systems such as a volume control and a station control. However, radio dial 412 surpasses the limitations of conventional systems through providing a programmable radio dial of user customized audio information. Radio dial 412 includes several stations that may be programmed using program interface 413. The preset stations may include several different types of user customized preset information such as user selected playlists, Internet broadcast stations, top lists, group playlists, artist-selected lists, on-line radio station, conventional radio stations. Internet phone, cellular phone, etc. and other functions, features, or information associated with audio information.



[0062] Radio dial 412 may also be displayed as a separate user interface and in some embodiments, does not require a “browsing” environment to view radio dial 412. For example, an electronic device, such as a PDA, having a display may graphically present radio dial 412 to a user. One example may be using electronic device in association with an automobile audio system. Electronic device may display radio dial 412 and may allow a user to navigate, modify, select, adjust volume, access daytimer, access phone lists, etc. or perform other functions while the electronic device is used in association with an automobile sound system. Therefore, radio dial 412 may be operable as an application for use with several different types of electronic devices (i.e., computer systems, portable computing devices, cellular phones, etc.) operable to display radio dial 412 and in some embodiments may be wirelessly communicated to an electronic device.

[0063] In another embodiment, homepage 401 may allow a user to select when to download the information to an electronic device. For example, a user may want to listen to a certain genre of music at a specific time of day thereby allowing a user to select the information. As such, a user may select a different playlist for every day of the week thereby allowing a user to listen to different songs on different days of the week. The user can further identify when the selected playlist should be available for listening. For example, if a user wanted to listen to “playlist #1” on Monday morning during the drive into work between 8:00 am and 9:00 am, the user would enter the time and the day “playlist #1” would be available for listening. In this manner, the playlist may be communicated to the electronic device thereby allowing a user to listen to selective audio information at a desirable time.

[0064] FIG. 5A illustrates a portable radio system having a mount for an electronic device according to one embodiment of the present invention. Portable radio 500 includes a mount 501 operable to receive electronic device 502. Mount 501 may include a connector operable to provide communications and power to electronic device 502. During use, electronic device 502 when mounted within portable radio 500 communicates with portable radio to provide remotely received selective audio information. In one embodiment, electronic device 502 may include a user interface allowing a user to access the Internet. Therefore, selective audio information located on

the Internet may be accessed by the user and remotely communicated to electronic device 502 coupled to portable radio 500.

**[0065]** In another embodiment, portable radio 500 may include memory operably located within for storing downloaded information. For example, portable radio 500 may include 32 MB of RAM allowing electronic device 502 to receive selective information and download the selective information to memory located within portable radio 500. In this manner, the downloaded music may be operable to be played within portable radio 500 while allowing electronic device to be removed from portable radio 500. Therefore, portable radio 500 including electronic device 502 allows a user to communicate selected audio information to portable radio 500.

**[0066]** FIG. 5B illustrates automobile console having a mount for coupling an electronic device according to one aspect of the present invention. Console 510 includes mount 511 operable to receive electronic device 512. Mount 511 may be located in many different locations within an automobile such as coupled to a sun visor, center console, dashboard, floorboard, etc. Mount 511 allows the user to couple electronic device 512 to the automobile and provide an interface for communication between electronic device 512 and the automobile audio system. Mount 511 may also include a power connection that allows electronic device 512 to use the automobiles power during use. The power connection may also be used in association with a recharging circuit operable to recharge a power supply within the electronic device. During operation, electronic device 512 coupled to mount 511 may receive selected audio information via wireless communication and communicate the selective information to the automobile audio system.

**[0067]** In one embodiment, the automobile may include memory operable associated with the automobile for storing information. The memory may be used in association with mount 511 and electronic device 512 to store the selected audio information. In this manner, voluminous audio information can be stored within the memory allowing electronic device 512 to receive additional information. In one embodiment, a mount may be provided for a home audio system (not shown) for downloading selected audio

information for use with a home audio system. For example, a mount device may be coupled to a home stereo system such that the upon placing an electronic device such as electronic device 500 within the mount, selected audio information may be communicated to the home audio system thereby allowing a home audio system to be used in association with an electronic device.

**[0068]** FIG. 6 illustrates a block diagram of a system for communicating voice mail messages using email according to one embodiment of the present invention. The system, indicated generally at 600, includes email server 601 coupled to a voice mail storage device 602. System 600 further includes a computer system or network terminal 603 such as a computer coupled to network 604. System 600 further includes mount 605 for mounting electronic device 606 for hardwire communication of information. Device 606 may also communicate with network 604 using a wirelessly communication network operably associated with network 604 and coupled, for example, via tower 607.

**[0069]** During operation, system 600 communicates voice mail messages to a user utilizing email server 601. For example, if a user receives a voice mail message, email server 601 would be notified and a voice mail message would be sent to the user's email account in the form of an email message. For example, a voice mail message would be sent to a user's email account within intranet 604 in the form of an audio file as an attachment to the email. Upon receiving the email, a user may click on the audio file representing the voice mail message to hear the message left by a caller.

**[0070]** In one embodiment, a user may be accessing the Internet via a phone line and, as such, be unable to receive notification that a voice mail message has been received. System 600 would receive the voice mail message and send an email comprising the voice mail message to the user email account. In this manner, a user can remain connected to the network and receive voice mail without having to log off or disconnect from the Internet. In one embodiment, a user may receive the voice mail message via a portable electronic device. For example, a user may be using remote device 605 operable to receive wirelessly communicated information. System 600 would receive the voice

mail message and forward the voice mail message to a user's portable electronic device 606. In this manner, a user may be capable of receiving voice emails at remote locations.

[0071] In another embodiment, a user may subscribe to use an Internet email account that may be operably associated with system 600. Utilizing an Internet email account may allow a user the flexibility to check voice email messages from any location in the world. For example, a user may access a "Hotmail" email account while traveling on business in a foreign country. The user, upon gaining access to the "Hotmail" account, would be able to listen to voice mail messages sent to the user via the "Hotmail" email account. Through utilizing an email account to receive voice mail messages, a user may be afforded great flexibility in communicating voice mail messages. For example, a user may be able to forward a voice mail message received in the form of an email to one or a plurality of other email accounts. In this manner, a voice email message may be sent efficiently to other email users.

[0072] For example, a user may maintain a distribution list of individuals working on a particular project that may have a need to hear certain voice email messages. In this manner, a user may efficiently disseminate information to other individuals while adding additional textual information to the body of the email allowing a user to comment on the original voice email message. In another embodiment, a user may forward a received voice email message to another account operable to receive forwarded voice email messages. For example, system 600 may be operable to receive an email message having a voice mail message as an attachment. The system would then be operable to forward the voice mail message to specified phone number, separate email account, and/or voice mail account, etc. thereby providing a user flexibility in receiving voice email.

[0073] In one embodiment, a user may utilize an email account to establish an answering service for voice mails. For example, a user's telephone number may be operable with an email account to provide an answering service. A user may record a message for a specified phone number or extension and, upon receiving an incoming call; the recorded message may be played back to incoming the call's initiator. System 600 would then forward the received voicemail message via an email account to the user. For example, a

user may have an account set up at a residence for receiving voicemail messages via a user-defined email account. The user could then forward all received voice mails from the home account to an email account at a place of work. Therefore, the user may have complete access to received voicemail messages. In the same manner, a user could set up their work phone number to forward a voicemail message to the user's home email account thereby allowing a user to receive a voicemail at a home email account. Therefore, system 600 may be operable in a plurality of ways to provide email messages comprised of voicemail messages received via a voice mail or email account.

[0074] FIG. 7 illustrates a flow chart for providing voice email messages according to one embodiment of the present invention. The method begins at step 701 where a voice mail message is left for a user. The message could be at a residence, place of business, etc. The method then proceeds to step 702 where the message may be stored as an audio file within a database operable to store a file comprised of the voice mail message. Upon storing the file, the method proceeds to step 703 where an electronic mail message may be generated. The electronic mail message may be addressed to the recipient of the voice mail message. The method then proceeds to step 704 where the audio file representing the voice mail message is attached to the electronic message.

[0075] Upon attaching the audio file, the method then proceeds to step 705 where the email message may be sent to the email address. Upon sending the email message the method proceeds to step 706 where the method determines if the email message should be sent to a wireless electronic device. If the message is not to be sent to a wireless device, the method proceeds to step 720 where the method ends. If the message is to be sent to a wireless electronic device, the method proceeds to step 707 where a signal may be sent to the wireless electronic device and at step 708 an indication is provided to the electronic device indicating that a voicemail message has been received via a user's email account. The method may then proceed to step 709 where the user decides whether or not to listen to the voice email message. If the user decides not to listen to the voice email message, the method may proceed to step 710 where the method ends. If the user decides to listen to the voice email message, the method proceeds to step 711 where a

request may be sent by the electronic device requesting the voice email message be forwarded to the user's electronic device.

[0076] At step 712, the voicemail message may be sent to the user's electronic device. Upon forwarding the voicemail message to the user the method may proceed to step 720 where the method ends. As such, FIG. 7 depicts one method of providing an email message comprised of a voice mail message. Certainly, other methods may be deployed as advancements in technology and are made without departing for the spirit and scope of the present invention.

[0077] FIG. 8 illustrates a flow diagram of a method for providing selected audio information to an electronic device according to one embodiment of the present invention. The method begins at step 800 where a user accesses a webpage via the Internet. The webpage may be a home page illustrated in FIG. 4 or other web pages operable to display selectable references to audio information. The method proceeds to step 801 where a user selects desirable audio information. For example, a user may select a single song, a plurality different songs, an entire album, a broadcast station, streaming audio, etc. or other selectable audio information. Upon the user selecting a reference to audio information, the method may proceed to step 802 where a playlist may be created that represents the user's selected audio information.

[0078] The playlist may be variable in size and comprised of a plurality of different types of available audio information. Upon creating a playlist, the method may proceed to step 803 where information associated with the playlist is obtained. For example, a list of network or URL locations comprised of the desirable audio information may be obtained. In this manner, desirable audio information may be obtained from many different sources such as URLs, network addresses, hard drives, databases comprised of audio information, etc. The sources may be accessed to obtain the selected audio information.

[0079] Upon obtaining data associated with the customized playlist, the method may proceed to step 804 where the user is prompted for a destination for the playlist. For example, a user may want to communicate the selected audio information to a remote electronic device, an automobile audio system, a home stereo system, a home computer,

an electronic device coupled to a home network or computer system, etc. or other locations or devices operable to receive the selected audio information. In one embodiment, a user may select a device owned by a friend to accept the selected audio information. For example, a husband may want to send a romantic playlist to his wife on their anniversary. In this situation, the husband would select his wife's electronic device as the receiving device for the selected audio information.

**[0080]** Upon selecting a device, the method proceeds to step 805 where the method determines the destination of the selected audio information. If the information is to be sent to a device via a wire line connection, the method proceeds to step 813 where playlist data is sent to a user via a wire line connection. The method may then proceed to step 814 where the playlist is executed at the device. If the information is to be sent to a device requiring wireless communication, the method proceeds to step 806 where the information is formatted for communicating the information to a wireless electronic device. For example, a wireless PDA device may be selected as a destination device for the selected audio information. The PDA device may include an audio player, such as an MP3 player operable to play or execute MP3 audio files. In such an embodiment, the method could format the information such that the information may be wirelessly communicated and subsequently played by the MP3 player.

**[0081]** Upon formatting the information, the method may then proceed to step 807 where the audio information is wirelessly communicated to the selected device. In some embodiments, the device may be operable to receive a limited amount of information based upon storage capacity of the device (i.e., 16 MB). In such a case, the method may divide the information into component parts and periodically communicate the component parts, such as packets, to the electronic device. Upon communicating the audio information, the method may then proceed to step 808 where the signal may be received by the destination or electronic device.

**[0082]** The method may then proceed to step 809 where the method determines if all of the audio information has been received. For example, if 16 MB or 32 MB of selected audio information was initially transmitted due to capacity limitations of the selected

device, the method may query the selected device to determine if capacity is available. If available memory exists, the method may proceed to step 807 where the method may communicate additional audio information based upon the amount of available memory. The method repeats until all of the selected audio information has been transmitted.

**[0083]** Upon communicating the selected information, the method may proceed to step 810 where the playlist may be executed. For example, a user may select a continuous communication of selected audio information (e.g., several hours of music, Internet broadcast, etc.). As such, the method may continuously play or execute the received audio information. In another embodiment, the method may proceed to step 811 where the method may store or buffer the received information until it is desirable to execute the received selected audio information. As such, upon executing the selected audio information, the method may proceed to step 809 where the method may repeat. In one embodiment, a user may elect to download a broadcast of an on-line radio station. For example, a user may want to listen to a radio station located in a remote location wherein conventional radio receivers could not receive the desired broadcast. For example, a person living in Houston, Texas may not be able to receive a radio broadcast signal from a radio station in Seattle, Washington utilizing a conventional radio receiver.

**[0084]** In accordance with the teachings of the present invention, a user may select an on-line broadcast or radio station as all or a part of the selected audio information. The user may then receive radio broadcasts without having to use a home computer system or conventional radio receiver.

**[0085]** At step 804, a user may select a device that does not require remote communication of information. For example, a user may elect to communicate the selected audio information to device, such as a personal computer, PDA device, MP3 player, etc. coupled via a network connection to the Internet or an Intranet. The user may receive the selected playlist at the determined device for eventual playing. In one embodiment, a user may select a plurality of devices as destination devices for receiving downloads of the selected audio information. For example, the user may want to download the information to a home stereo system, a PDA device, and an automobile



stereo. As such, the selected information may be communicated to more than one destination device. In addition, the format of the download may match or conform to the selected destination device(s).

**[0086]** The present invention may be configured in a plurality of ways to communicate desirable audio information to users by allowing users to select desirable audio information and transmitting the desirable audio information to a specified destination thereby allowing a user to receive on-demand customized audio information. Moreover, the download may occur in an off-line environment, allowing a user to enjoy the selected audio information accessed on-line without having to be on-line or utilizing a browsing environment. In one embodiment of the present invention, the method of FIG. 8 may be modified to allow a user to select a “user group” for receiving customized audio information. For example, a “user group” may include users that prefer contemporary jazz wherein a user may request a certain song. Therefore, a virtual request line may be designed for a specific genre of music allowing “members” to transmit audio information to the “group”.

**[0087]** In another embodiment of the present invention, the method may be modified to allow a user to select a specific genre to be transmitted to the users device. For example, a user may elect to have random country and western music transmitted to a destination device. The user could efficiently create a radio station format and have the format received at a destination device.

**[0088]** In a further embodiment, a user may select a group of genres to be downloaded to a desirable device. As such, the method may be modified to allow a user to select several different genres to download random music within the specified genres. In another embodiment, a user may elect to download the same music as another individual. For example, a user may want to download the same music as their best friend. Therefore the user could elect to download the same music as their friend or group of friends. In another example, a user may want to listen to the same music that an artist listens to on a specific weekday of evening. For example, a user may want to listen to the same music that Barry White listens to on a Saturday night.

[0089] Therefore, the user may select “Barry White’s” Saturday night playlist and receive the same playlist Barry White receives on Saturday night. In another embodiment, the method of FIG. 8 may be modified to allow a user to manipulate song post download. For example, a user may want to store, delete, replay, copy, forward, etc. received audio information. Therefore, the method of FIG. 4 may be modified such that a user can manipulate or process the received audio information in a plurality of ways. In one embodiment of the present invention, an on-line radio station may be provided. For example, the radio station may be created for transmitting audio or on-line broadcasts. The on-line broadcasters or hosts may create their own format for broadcast. For example, an on-line radio station may be provided that transmits only children’s songs.

[0090] Prior to conception of the present invention, conventional radio stations were monetarily limited to be capable of transmitting music such as children’s songs to conventional radio receivers. The present invention, by providing a medium for transmitting selectable audio information, enables the existence of on-line broadcasting with little or no overhead cost for a host. A user may select an on-line broadcast for on-line or off-line delivery. In another embodiment, on-line broadcast of audio information representing books or novels may be provided to individuals such as the visually impaired. For example, an on-line broadcast station may provide several hours of audio information broadcast representing books or novels to be broadcast with very little overhead.

[0091] FIG. 9 illustrates an automobile console having a mount for an electronic device according to one embodiment of the present invention. Console 900 includes a conventional audio system 901 comprised of a receiver 902 and CD player 903. Interface 904 may be coupled to audio system 901 via plug 905 and cable 908, which may be coupled to an auxiliary line into audio system 901. Interface 904 may also include contact 906 for contacting electronic device 907. Cable 908 may be a multiple conductive cable for providing power from the automobiles power system via a protection circuit or fuse 909 for powering electronic device 907. In one embodiment, interface 904 may be operable to recharge electronic device 907 utilizing a power source associated with an automobile.

**[0092]** During operation, electronic device 907 may be mounted within interface 904. Electronic device 907 may also be powered or recharged via power line 910 and communicate with the systems audio system via interface cable or bus line 911. Audio information communicated to electronic device 907 may be transferred to audio system 901 such that a user may listen to selected audio information. For example, a user may have previously selected a plurality of audio files to be transmitted to electronic device 907. Electronic device 907 may communicate the selected audio information to the automobiles audio system that utilizes interface 901 thereby allowing the user to listen to selected audio information. In one embodiment, cable 908 may be custom-installed to audio system 901. For example, the cable may be coupled to an auxiliary line for the system's radio or may be coupled to CD player line 912.

**[0093]** In another embodiment, a radio manufacturer may provide interface 904 as a standard interface integrated into the audio system, thereby allowing communication between electronic device 907, audio system 901 and/or console 900. Electronic device 907 may include a plurality of different types of devices. For example, electronic device 907 may include a PDA device operable to store selected audio information. The information may be either remotely downloaded using an Internet web browser and wireless communication to the PDA device. In another embodiment, selected audio information may be communicated to a PDA device via a hard wire coupled to a computer system interfacing with the Internet. In another embodiment, electronic device 907 may include an audio file player operable to play audio files such as MP3s, etc.

**[0094]** The audio files may be remotely or locally communicated to electronic device 907 and upon coupling to audio system 901, the audio files may be transmitted to audio system 901 in a form receivable by audio system 901. Although the disclosed embodiments have been described in detail, it should be understood that various changes, substitutions and alterations can be made to the embodiments without departing from their spirit and scope.

**[0095]** The benefits, advantages, solutions to problems, and any element(s) that may cause any benefit, advantage, or solution to occur or become more pronounced are not to

be construed as a critical, required, or essential feature or element of the present invention. Accordingly, the present invention is not intended to be limited to the specific form set forth herein, but on the contrary, it is intended to cover such alternatives, modifications, and equivalents, as can be reasonably included within the spirit and scope of the invention as provided by the claims below.

**WHAT IS CLAIMED IS:**

1. A media managing method, comprising:
  - linking a graphical interface soft button with a media file saved in a memory system of a portable electronic device;
  - maintaining a collection of information that represents the graphical interface soft button in the memory system;
  - communicating at least some of the collection to a different electronic device in order to allow a user to view a representation of the graphical interface soft button on an associated display of the different electronic device; and
  - receiving a signal to begin playing the media file in response to a selection of the representation.
2. The method of Claim 1, communicatively coupling the portable electronic device to a personal computer of a user; and receiving the collection of information and the media file via the communicative coupling.
3. The method of Claim 1, wherein the different electronic device is an automobile sound system component.
4. The method of Claim 1, wherein the portable electronic device is a cellular telephone.
5. The method of Claim 4, further comprising receiving an indication of an incoming telephone call at the cellular telephone; and altering a playing of the media file in connection with receiving the indication.
6. The method of Claim 1, further comprising receiving the signal to begin playing via a wired coupling of the portable electronic device and the different electronic device.
7. The method of Claim 1, wherein the graphical interface soft button comprises a name selected from a group consisting of a user customized name, a playlist name, a title, and an artist name.

8. The method of Claim 1, further comprising receiving the signal to begin playing in response to a soft button selection made via a user interaction with an input device of the different electronic device.

9. A media playing method, comprising:
- receiving an over the air download of a media file at a portable electronic device that has a display, a memory, and a processor;
  - receiving a collection of information associated with the media file via the over the air download, the collection of information representing a graphical interface soft button that comprises a name;
  - saving the media file in the memory;
  - maintaining an association between the media file and the collection of information at the portable electronic device;
  - presenting a representation of the graphical interface soft button on the display of the portable electronic device as a selectable icon; and
  - initiating a playing of the media file in connection with a selection of the selectable icon.
10. The method of Claim 9, wherein the media file is an audio file.
11. The method of Claim 9, wherein the media file is a voicemail message and the name is an identifier for a sender of the voicemail message.
12. The method of Claim 9, wherein the portable electronic device is operable as a wireless telephone and the selectable icon is a graphical user interface item that comprises a textual representation of the name.
13. The method of Claim 12, wherein the display is a touch screen display and the touch screen display is operable as a user interface mechanism to select the selectable soft button.
14. The method of Claim 9, further comprising initiating another playing of the media file in connection with a selection of a representation of the selectable icon while it is being presented on a different display of a different electronic device.

15. The method of Claim 9, wherein the media file comprises a video file.
16. A media playing method, comprising:
  - including a portable electronic device interface within an automobile having a sound system that comprises an associated display and a user interface mechanism, wherein the portable electronic device interface is formed to communicatively couple with a portable electronic device configured to save a media file in its memory, to associate the media file with a name, to include the name in a menu of available content, to present the name on the display of the portable electronic device as a selectable soft button icon, and to communicate a collection of information comprising the name;
  - receiving the collection of information via the portable electronic device interface;
  - utilizing the collection of information to facilitate a user interaction with the sound system, wherein the user interaction comprises: (1) viewing a representation of the selectable soft button icon on the associated display; and (2) using the user interface mechanism to select an available media file for processing; and
  - requesting a playing of the available media file in response to the selecting.
17. The method of Claim 16, wherein the available media file comprises a voicemail message.
18. The method of Claim 16, wherein the user interface mechanism is a touch screen display.
19. The method of Claim 16, wherein the user interface mechanism is an in dash radio knob.
20. The method of Claim 16, wherein the available media file comprises a video file.



**ABSTRACT OF THE DISCLOSURE**

[0096] A media managing method is disclosed. The method links a graphical interface soft button with a media file saved in a memory system of a portable electronic device, maintains a collection of information that represents the graphical interface soft button in the memory system, and communicates at least some of the collection to a different electronic device in order to allow a user to view a representation of the graphical interface soft button on an associated display of the different electronic device. The method further receives a signal to begin playing the media file in response to a selection of the representation.

## Electronic Patent Application Fee Transmittal

<b>Application Number:</b>				
<b>Filing Date:</b>				
<b>Title of Invention:</b>	Method for Managing Media			
First Named Inventor/Applicant Name:	Russell W. White			
<b>Filer:</b>	Russell W. White/Laura H. Andre			
<b>Attorney Docket Number:</b>	111111.1111-5C			
Filed as Small Entity				
<b>Utility Filing Fees</b>				
<b>Description</b>	<b>Fee Code</b>	<b>Quantity</b>	<b>Amount</b>	<b>Sub-Total in USD(\$)</b>
<b>Basic Filing:</b>				
Utility filing Fee (Electronic filing)	4011	1	75	75
Utility Search Fee	2111	1	255	255
Utility Examination Fee	2311	1	105	105
<b>Pages:</b>				
<b>Claims:</b>				
<b>Miscellaneous-Filing:</b>				
<b>Petition:</b>				
<b>Patent-Appeals-and-Interference:</b>				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Post-Allowance-and-Post-Issuance:				
<b>Extension-of-Time:</b>				
<b>Miscellaneous:</b>				
<b>Total in USD (\$)</b>				<b>435</b>

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2727056
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	65550
<b>Filer:</b>	Russell W. White/Laura H. Andre
<b>Filer Authorized By:</b>	Russell W. White
<b>Attorney Docket Number:</b>	111111.1111-5C
<b>Receipt Date:</b>	16-JAN-2008
<b>Filing Date:</b>	
<b>Time Stamp:</b>	17:36:37
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$435
RAM confirmation Number	2654
Deposit Account	503797
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

<b>File Listing:</b>					
<b>Document Number</b>	<b>Document Description</b>	<b>File Name</b>	<b>File Size(Bytes) /Message Digest</b>	<b>Multi Part /.zip</b>	<b>Pages (if appl.)</b>
1	Application Data Sheet	111111-5C_US_ADS_Form_SB_14.pdf	1027371 1ef7838533c04ac5e1aaab8c97311fb878170df9	no	5
<b>Warnings:</b>					
<b>Information:</b>					
2	Oath or Declaration filed	111111-5C_Oath.pdf	105190 de1b5057103f36d4803591bc56886a82d3201b99	no	2
<b>Warnings:</b>					
<b>Information:</b>					
3	Drawings-only black and white line drawings	111111-5C_Drawings.pdf	371166 09b84a39b1476e4dd414a98465585905e9c0b119	no	9
<b>Warnings:</b>					
<b>Information:</b>					
4	Information Disclosure Statement (IDS) Filed	111111-5C_IDS_SB08.pdf	958768 bab27f146ecfe0b020746c3f4be040e717c06345	no	6
<b>Warnings:</b>					
<b>Information:</b>					
5	Information Disclosure Statement (IDS) Filed	111111-5C_IDS_SB08_2.pdf	931241 91343fb2cf13d28561d9daa9eb08e1afc4017093	no	6
<b>Warnings:</b>					
<b>Information:</b>					
6		111111-5C_Application.pdf	90577 c0baebf4728ce088b346401a03391685acd3d675	yes	36
	<b>Multipart Description/PDF files in .zip description</b>				
	<b>Document Description</b>		<b>Start</b>	<b>End</b>	
	Specification		1	31	
	Claims		32	35	
	Abstract		36	36	
<b>Warnings:</b>					
<b>Information:</b>					

7	Fee Worksheet (PTO-06)	fee-info.pdf	8346	no	2
			661e398c5642d330f9f56d5b75cab278 41366cfc		

**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>	3492659
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**This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.**

**New Applications Under 35 U.S.C. 111**

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

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

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

**New International Application Filed with the USPTO as a Receiving Office**

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

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2727056
<b>Application Number:</b>	12015320
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2156
<b>Title of Invention:</b>	Method for Managing Media
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	65550
<b>Filer:</b>	Russell W. White/Laura H. Andre
<b>Filer Authorized By:</b>	Russell W. White
<b>Attorney Docket Number:</b>	111111.1111-5C
<b>Receipt Date:</b>	16-JAN-2008
<b>Filing Date:</b>	
<b>Time Stamp:</b>	17:36:37
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$435
RAM confirmation Number	2654
Deposit Account	503797
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

<b>File Listing:</b>					
<b>Document Number</b>	<b>Document Description</b>	<b>File Name</b>	<b>File Size(Bytes) /Message Digest</b>	<b>Multi Part /.zip</b>	<b>Pages (if appl.)</b>
1	Application Data Sheet	111111-5C_US_ADS_Form_SB_14.pdf	1027371 1ef7838533c04ac5e1aaab8c97311fb878170df9	no	5
<b>Warnings:</b>					
<b>Information:</b>					
2	Oath or Declaration filed	111111-5C_Oath.pdf	105190 de1b5057103f36d4803591bc56886a82d3201b99	no	2
<b>Warnings:</b>					
<b>Information:</b>					
3	Drawings-only black and white line drawings	111111-5C_Drawings.pdf	371166 09b84a39b1476e4dd414a98465585905e9c0b119	no	9
<b>Warnings:</b>					
<b>Information:</b>					
4	Information Disclosure Statement (IDS) Filed	111111-5C_IDS_SB08.pdf	958768 bab27f146ecfe0b020746c3f4be040e717c06345	no	6
<b>Warnings:</b>					
<b>Information:</b>					
5	Information Disclosure Statement (IDS) Filed	111111-5C_IDS_SB08_2.pdf	931241 91343fb2cf13d28561d9daa9eb08e1afc4017093	no	6
<b>Warnings:</b>					
<b>Information:</b>					
6		111111-5C_Application.pdf	90577 c0baebf4728ce088b346401a03391685acd3d675	yes	36
	<b>Multipart Description/PDF files in .zip description</b>				
	<b>Document Description</b>		<b>Start</b>	<b>End</b>	
	Specification		1	31	
	Claims		32	35	
	Abstract		36	36	
<b>Warnings:</b>					
<b>Information:</b>					



7	Fee Worksheet (PTO-06)	fee-info.pdf	8346 661e398c5642d330f9f56d5b75cab278 41366cfc	no	2
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**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>	3492659
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**This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.**

**New Applications Under 35 U.S.C. 111**

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

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

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**New International Application Filed with the USPTO as a Receiving Office**

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

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	111111.1111-5C
		Application Number	
Title of Invention	Method for Managing Media		
<p>The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.</p>			

**Secrecy Order 37 CFR 5.2**

- Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

**Applicant Information:**

<b>Applicant 1</b>						<a href="#">Remove</a>
<b>Applicant Authority</b> <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118		
<b>Prefix</b>	<b>Given Name</b>	<b>Middle Name</b>	<b>Family Name</b>	<b>Suffix</b>		
	Russell	W.	White			
<b>Residence Information (Select One)</b> <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service						
<b>City</b>	Austin	<b>State/Province</b>	TX	<b>Country of Residence i</b>	US	
<b>Citizenship under 37 CFR 1.41(b) i</b>		US				
<b>Mailing Address of Applicant:</b>						
<b>Address 1</b>	10904 Doswell Cove					
<b>Address 2</b>						
<b>City</b>	Austin	<b>State/Province</b>	TX			
<b>Postal Code</b>	78739	<b>Country<sup>i</sup></b>	US			
<b>Applicant 2</b>						<a href="#">Remove</a>
<b>Applicant Authority</b> <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118		
<b>Prefix</b>	<b>Given Name</b>	<b>Middle Name</b>	<b>Family Name</b>	<b>Suffix</b>		
	Kevin	R.	Imes			
<b>Residence Information (Select One)</b> <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service						
<b>City</b>	Austin	<b>State/Province</b>	TX	<b>Country of Residence i</b>	US	
<b>Citizenship under 37 CFR 1.41(b) i</b>		US				
<b>Mailing Address of Applicant:</b>						
<b>Address 1</b>	7309 Tanaqua Lane					
<b>Address 2</b>						
<b>City</b>	Austin	<b>State/Province</b>	TX			
<b>Postal Code</b>	78739	<b>Country<sup>i</sup></b>	US			
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the <b>Add</b> button.						<a href="#">Add</a>

**Correspondence Information:**

Enter either Customer Number or complete the Correspondence Information section below.  
For further information see 37 CFR 1.33(a).

- An Address is being provided for the correspondence Information of this application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	111111.1111-5C	
		Application Number		
Title of Invention	Method for Managing Media			
Customer Number	34456			
Email Address			<input type="button" value="Add Email"/>	<input type="button" value="Remove Email"/>

**Application Information:**

Title of the Invention	Method for Managing Media			
Attorney Docket Number	111111.1111-5C	Small Entity Status Claimed	<input type="checkbox"/>	
Application Type	Nonprovisional			
Subject Matter	Utility			
Suggested Class (if any)		Sub Class (if any)		
Suggested Technology Center (if any)				
Total Number of Drawing Sheets (if any)	9	Suggested Figure for Publication (if any)	9	

**Publication Information:**

<input type="checkbox"/>	Request Early Publication (Fee required at time of Request 37 CFR 1.219)
<input type="checkbox"/>	<b>Request Not to Publish.</b> I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application <b>has not and will not</b> be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

**Representative Information:**

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.			
Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	65550		

**Domestic Benefit/National Stage Information:**

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.					
Prior Application Status	Patented		<input type="button" value="Remove"/>		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
	Continuation of	10947755	2004-09-23	7324833	2008-01-29
Prior Application Status	Patented		<input type="button" value="Remove"/>		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	111111.1111-5C		
		Application Number			
Title of Invention	Method for Managing Media				
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
	Continuation of	09537812	2000-03-28	7187947	2007-03-06
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the <b>Add</b> button.					<input type="button" value="Add"/>

**Foreign Priority Information:**

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

				<input type="button" value="Remove"/>
Application Number	Country <sup>i</sup>	Parent Filing Date (YYYY-MM-DD)	Priority Claimed	
			<input checked="" type="radio"/> Yes <input type="radio"/> No	
Additional Foreign Priority Data may be generated within this form by selecting the <b>Add</b> button.				<input type="button" value="Add"/>

**Assignee Information:**

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.

				<input type="button" value="Remove"/>
<b>Assignee 1</b>				
If the Assignee is an Organization check here. <input checked="" type="checkbox"/>				
Organization Name	Affinity Labs, LLC			
<b>Mailing Address Information:</b>				
Address 1	10904 Doswell Cove			
Address 2				
City	Austin	State/Province	TX	
Country <sup>i</sup>	US	Postal Code	78739	
Phone Number		Fax Number		
Email Address				
Additional Assignee Data may be generated within this form by selecting the <b>Add</b> button.				<input type="button" value="Add"/>

**Signature:**

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.

Signature	/russell w white/		Date (YYYY-MM-DD)	2008-01-16
First Name	Russell W.	Last Name	White	Registration Number
				45691

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Application Data Sheet 37 CFR 1.76</b>	Attorney Docket Number	111111.1111-5C
	Application Number	
Title of Invention	Method for Managing Media	

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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.

## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought by way of the application entitled

### Method for Managing Media

which (check)  is filed with this Declaration and Power of Attorney and marked with the above title and/or Attorney Docket Number, and which is the final application provided to me *pro se*  
 and is amended by the Preliminary Amendment attached hereto.  
 was filed on \_\_\_\_\_ as Application Serial No.  
 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or under § 365(a) of any PCT international application(s) designating at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
Number	Country	Day/Month/Year Filed	Yes	No

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Data (MM/DD/YYYY)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became

available between the filing date of the prior application and the national or PCT international filing date of this application.

U. S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
09/537,812	03/28/2000	7,187,947
10/947,755	09/23/2004	7,324,833

I hereby appoint the attorney(s) and/or agent(s) associated with **customer number 65550** and the additional attorneys listed below to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

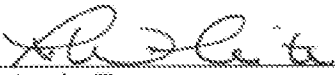
Please direct all correspondence concerning this application to the USPTO Customer Number, if provided, or otherwise to the firm named below:

**RUSSELL W. WHITE**

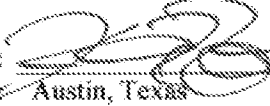
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Inventor's Signature:  Date: 03/01/07  
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Inventor's Signature:  Date: 03/01/07  
Residence: Austin, Texas Citizenship: US  
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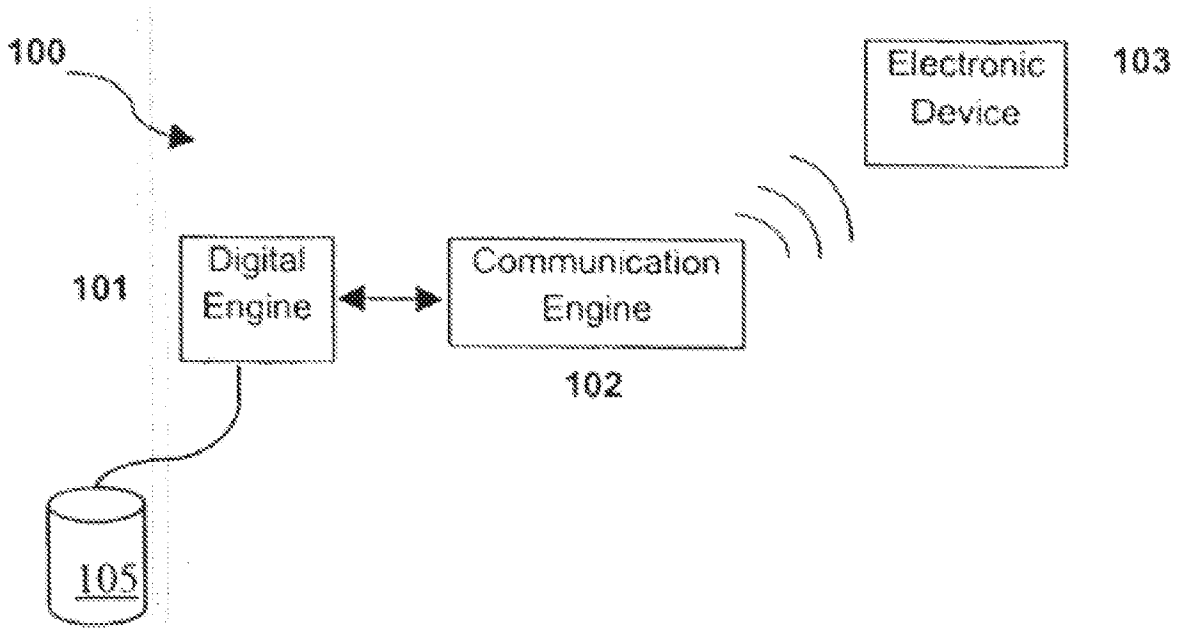
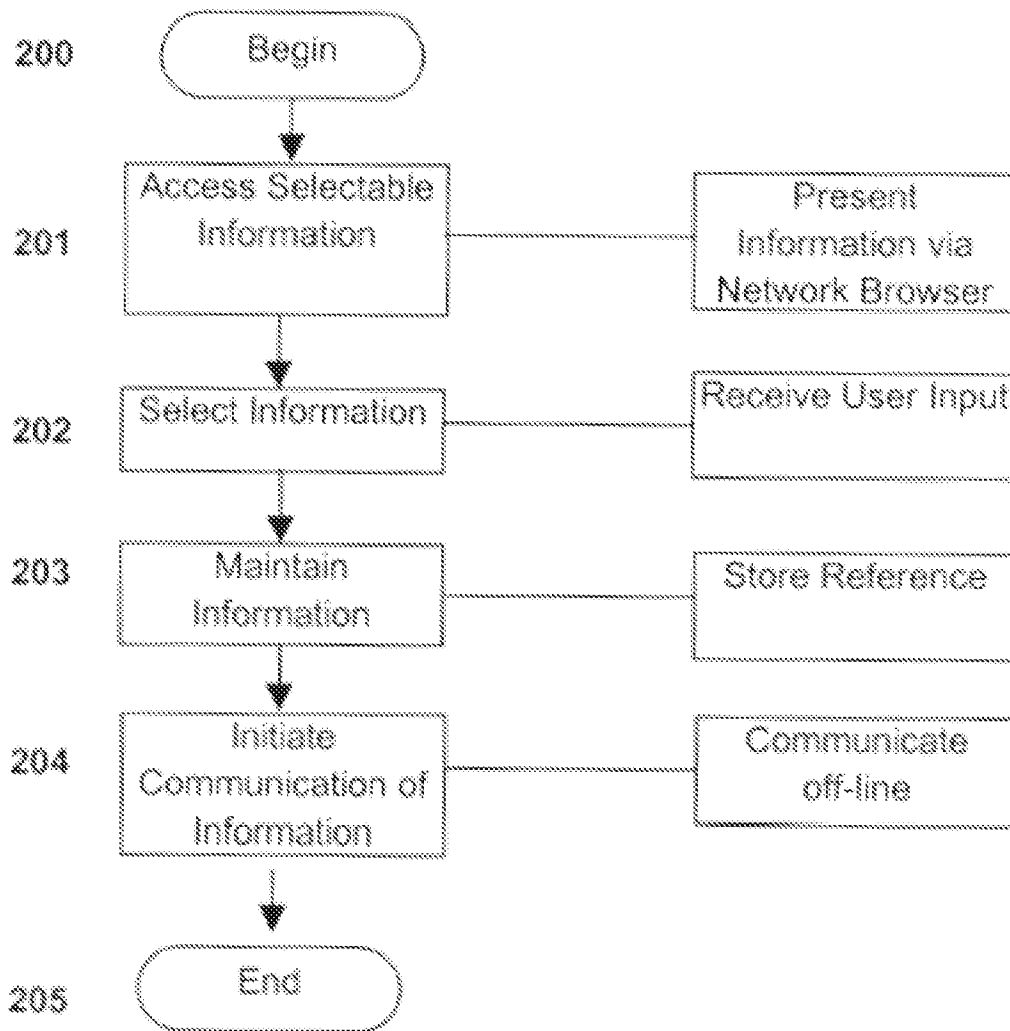
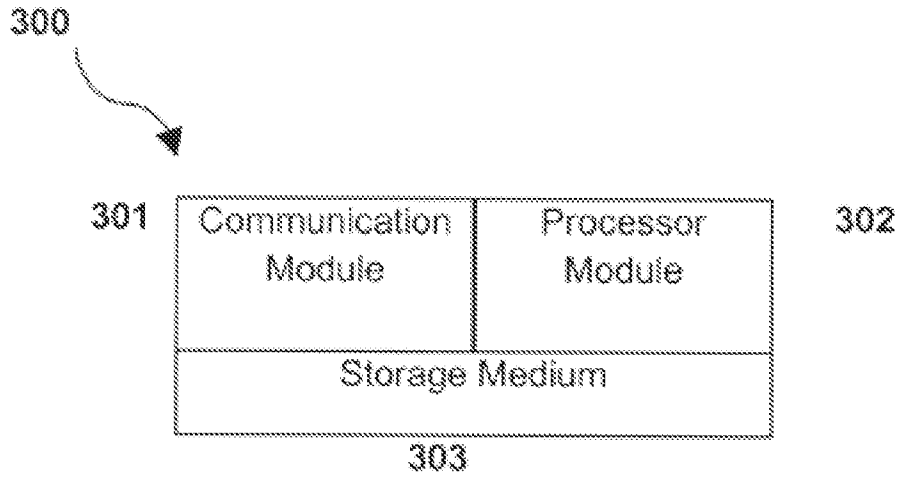


FIG. 1

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**FIG. 2**



**FIG. 3**

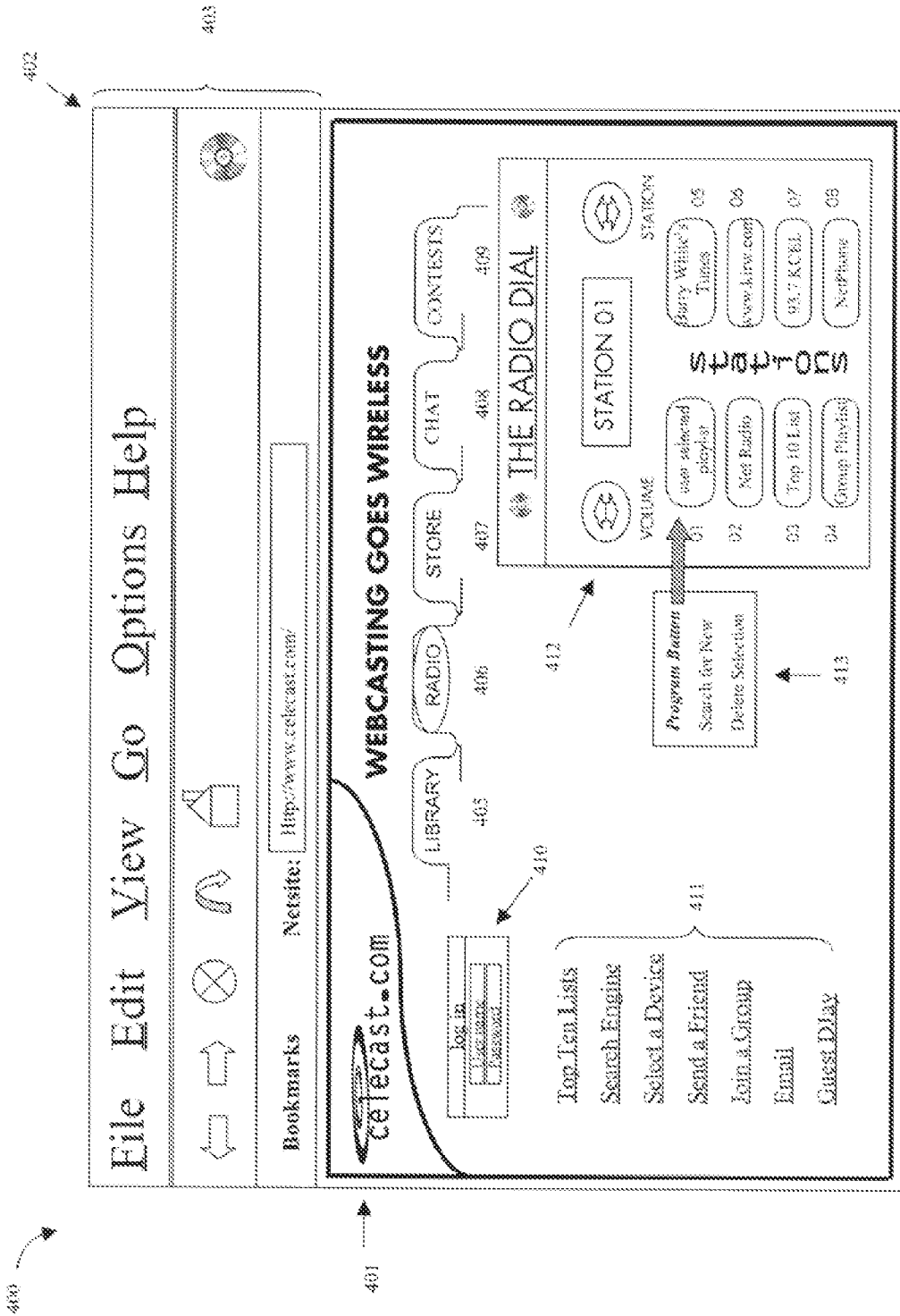
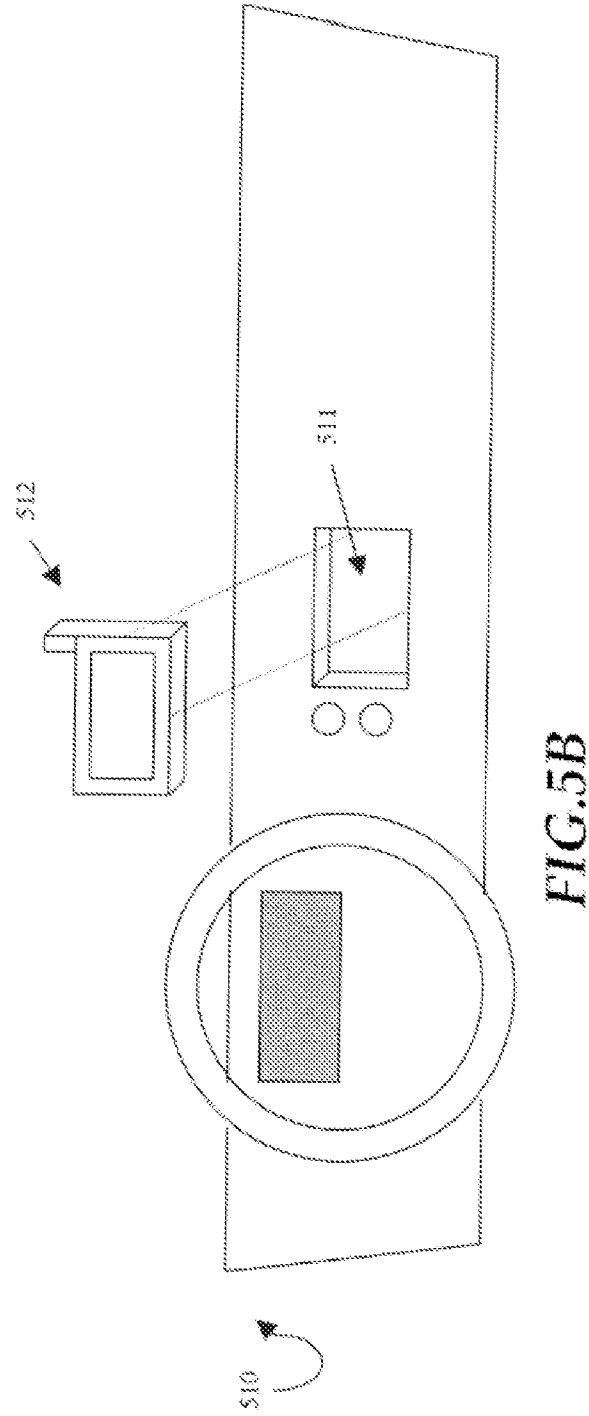
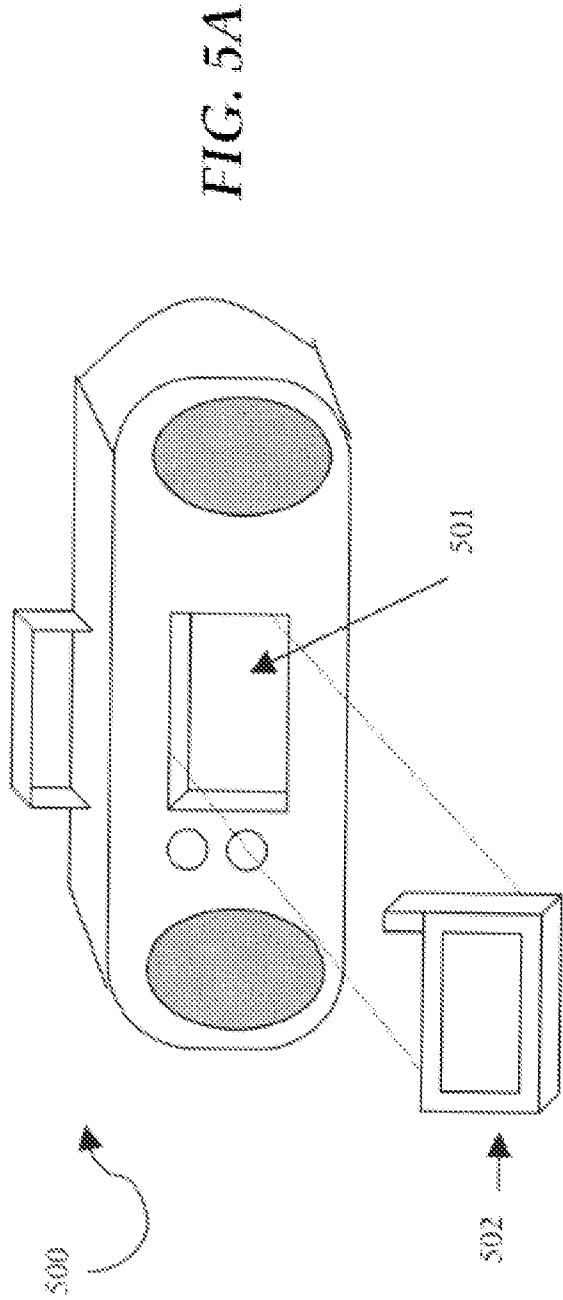


FIG. 4



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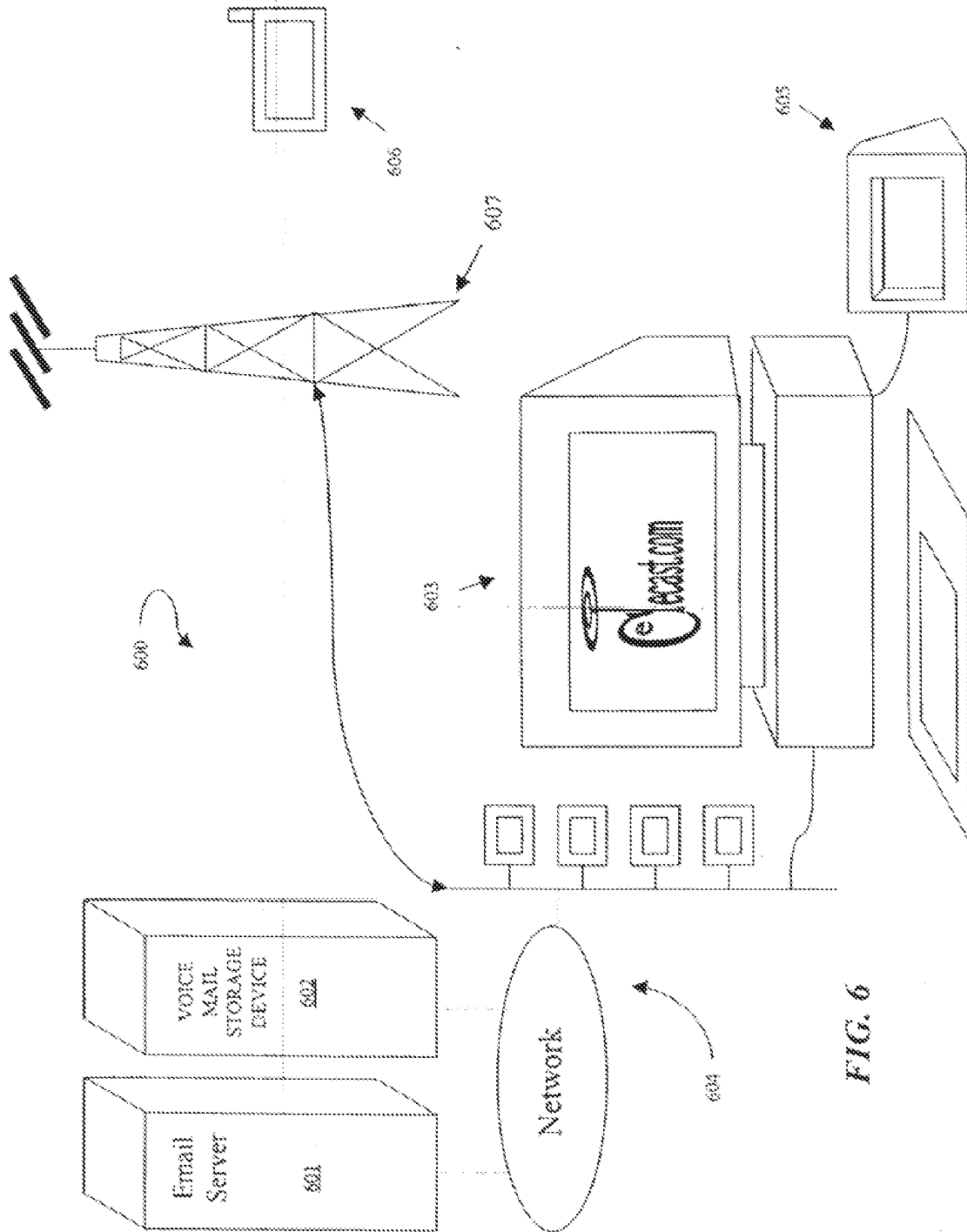


FIG. 6

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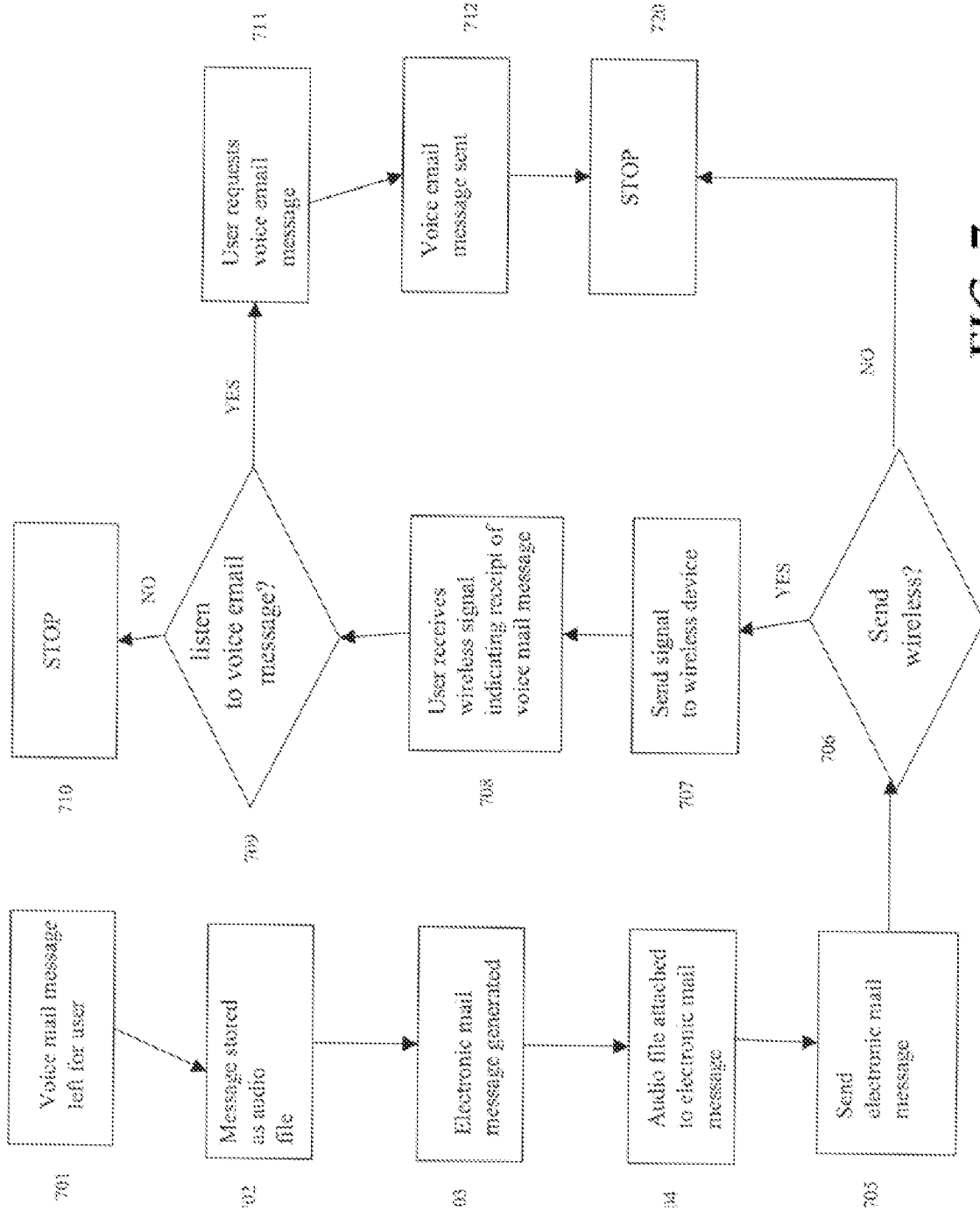


FIG. 7

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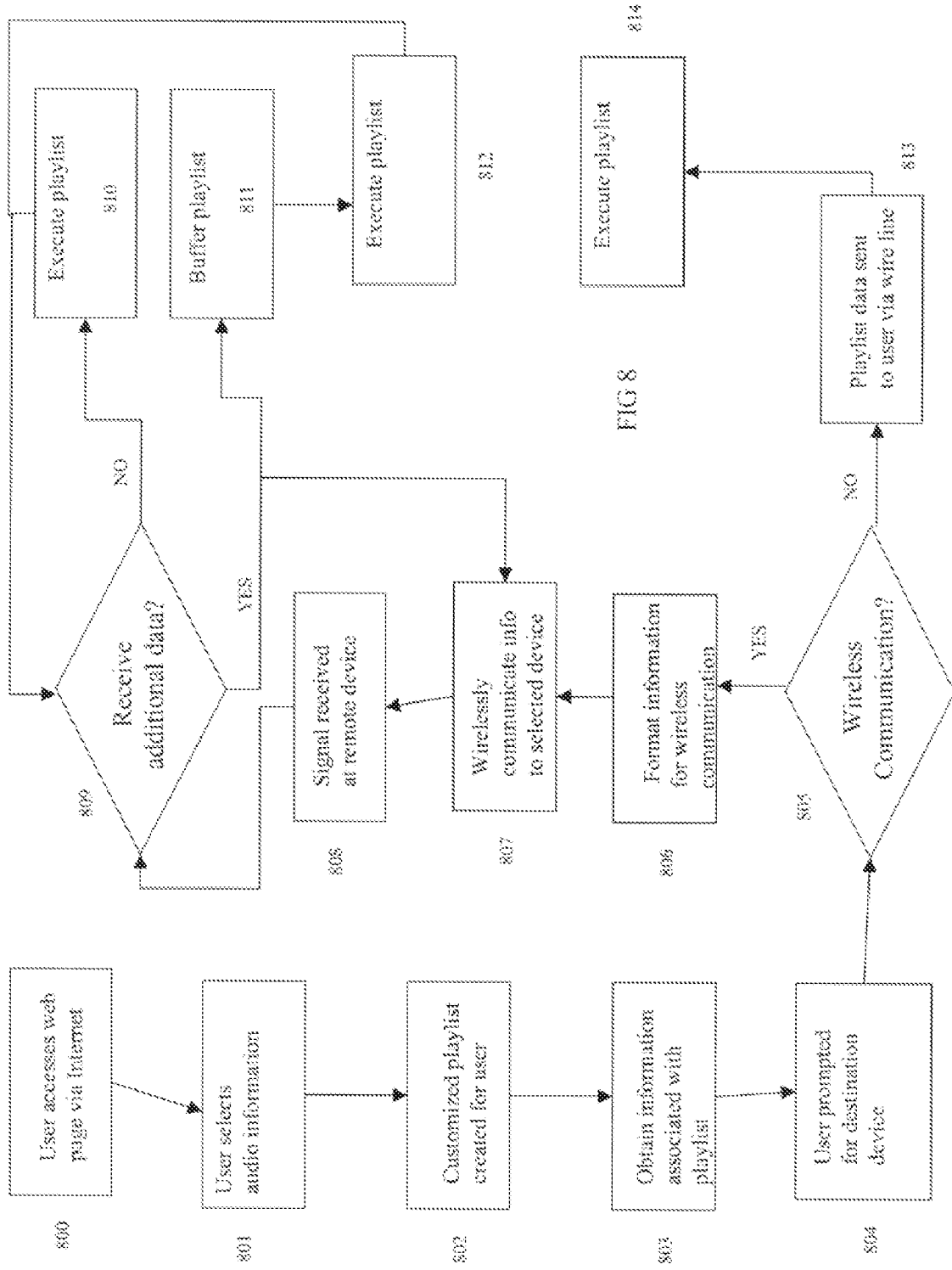


FIG. 8



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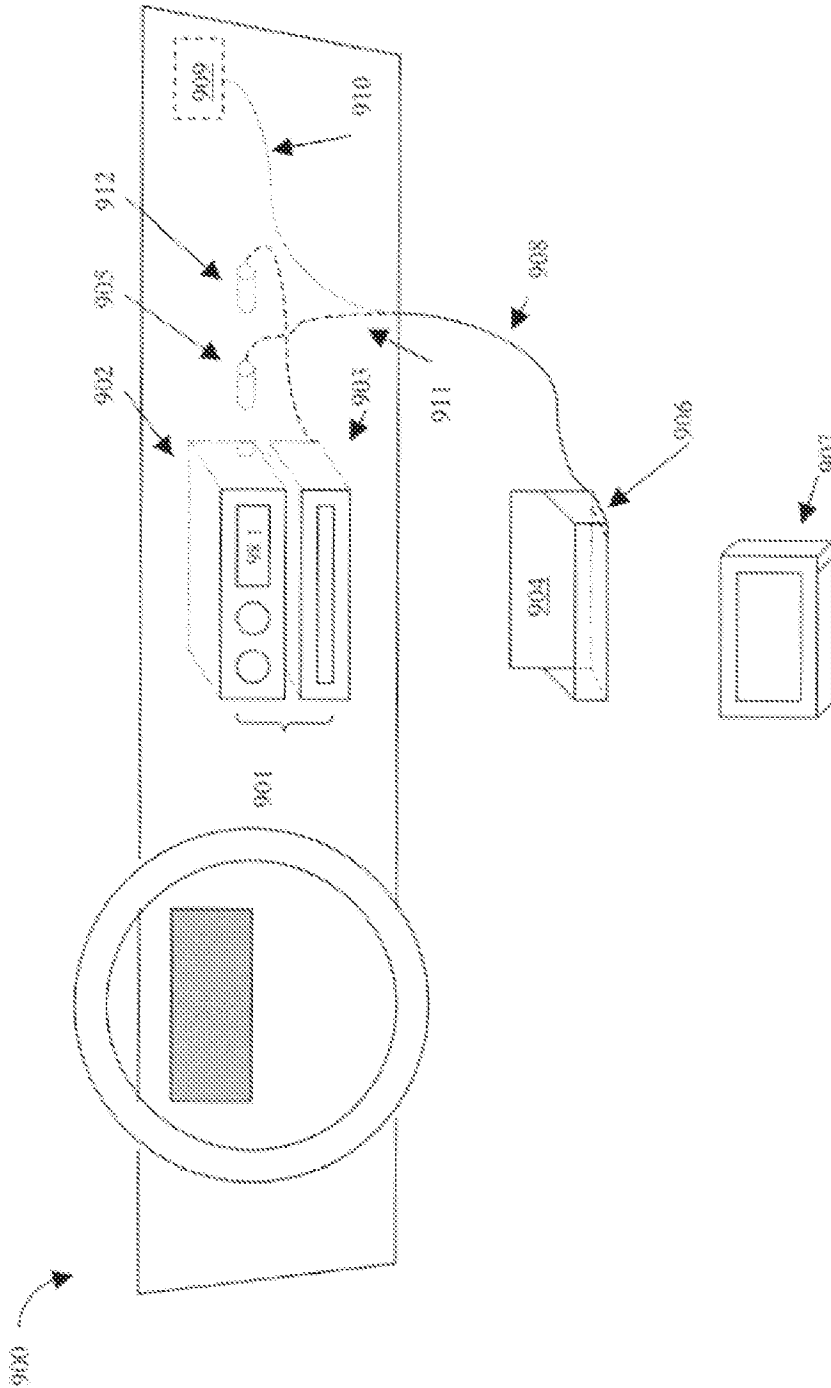


FIG. 9

01/16/08

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<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Substitute for Form PTO-875	<b>12/015,320</b>
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APPLICATION AS FILED – PART I			SMALL ENTITY	OR	OTHER THAN SMALL ENTITY
	(Column 1)	(Column 2)			
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)		RATE (\$)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A		N/A
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A		N/A
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A		N/A
TOTAL CLAIMS (37 CFR 1.16(i))	20	minus 20 = *	X 25=		X 50=
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3	minus 3 = *	X 105=		X 210=
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				
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))			N/A		N/A
			<b>TOTAL</b>		<b>TOTAL</b>
			<b>435</b>		

\* If the difference in column 1 is less than zero, enter "0" in column 2.

APPLICATION AS AMENDED – PART II					SMALL ENTITY	OR	OTHER THAN SMALL ENTITY
	(Column 1)	(Column 2)	(Column 3)				
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)
Total (37 CFR 1.16(i))	*	Minus **	=	X =			X =
Independent (37 CFR 1.16(h))	*	Minus ***	=	X =			X =
Application Size Fee (37 CFR 1.16(s))				N/A			N/A
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A			N/A
				<b>TOTAL ADD'T FEE</b>			<b>TOTAL ADD'T FEE</b>

	(Column 1)	(Column 2)	(Column 3)				
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)
Total (37 CFR 1.16(i))	*	Minus **	=	X =			X =
Independent (37 CFR 1.16(h))	*	Minus ***	=	X =			X =
Application Size Fee (37 CFR 1.16(s))				N/A			N/A
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))				N/A			N/A
				<b>TOTAL ADD'T FEE</b>			<b>TOTAL ADD'T FEE</b>

\* 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.

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