

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court _____ for the Eastern District of Texas, Beaumont Division _____ on the following
 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.):

DOCKET NO. 1:11-cv-00349	DATE FILED 7/26/2011	U.S. DISTRICT COURT for the Eastern District of Texas, Beaumont Division
PLAINTIFF Affinity Labs of Texas, LLC		DEFENDANT Apple, Inc. AAMP of Florida, Inc.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 7,634,228 B2	12/15/2009	Affinity Labs of Texas, LLC
2 US 7,778,595 B2	8/17/2010	Affinity Labs of Texas, LLC
3		
4		
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
1			
2			
3			
4			
5			

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court for the Eastern District of Texas (Beaumont) on the following
 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 1:11-cv-00036	DATE FILED 1/28/2011	U.S. DISTRICT COURT for the Eastern District of Texas (Beaumont)
PLAINTIFF Affinity Labs of Texas, LLC		DEFENDANT Volkswagen Group of America, Inc.; Volkswagen Group of America Chattanooga Operations, LLC
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 7,324,833 B2	1/29/2008	Affinity Labs, LLC
2 7,634,228 B2	12/15/2009	Affinity Labs of Texas, LLC
3 7,778,595 B2	8/17/2010	Affinity Labs of Texas, LLC
4		
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE
-------	-------------------	------

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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.

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

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

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

U.S.PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

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 ³	Country Code ^{2j}	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

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

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵

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

1	U.S. Patent and Trademark Office, Office Action in Inter Partes Reexamination of Patent No. 7440772, Reexamination Control No. 95001266, Office Action issued on August 2, 2010, 14 pages.	<input type="checkbox"/>
---	--	--------------------------

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

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

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

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

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

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

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

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Mark J. Rozman/	Date (YYYY-MM-DD)	2010-08-16
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 Patent Application Fee Transmittal

Application Number:	12015320			
Filing Date:	16-Jan-2008			
Title of Invention:	METHOD FOR MANAGING MEDIA			
First Named Inventor/Applicant Name:	Russell W. White			
Filer:	Mark J. Rozman/Nishi Pasarya			
Attorney Docket Number:	AFF.0004C5US			
Filed as Large Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				180

Electronic Acknowledgement Receipt

EFS ID:	8226536
Application Number:	12015320
International Application Number:	
Confirmation Number:	2156
Title of Invention:	METHOD FOR MANAGING MEDIA
First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman/Nishi Pasarya
Filer Authorized By:	Mark J. Rozman
Attorney Docket Number:	AFF.0004C5US
Receipt Date:	16-AUG-2010
Filing Date:	16-JAN-2008
Time Stamp:	15:55:04
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	3507
Deposit Account	201504
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	AFF004C5_IDS.pdf	81256	no	3
			6f04a68f6b9ed4f9a2f11b8c2d5e1989805f1a96		
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
2	NPL Documents	AFF004C5_NPL.pdf	324055	no	14
			a078d1c8df6c91a5a68de2d6eb2eb2e4864b450a		
Warnings:					
Information:					
3	Fee Worksheet (PTO-875)	fee-info.pdf	30372	no	2
			6b2f4e32ec03b6a51d2a0d49f1d902f5d6691b3		
Warnings:					
Information:					
Total Files Size (in bytes):			435683		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

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

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

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

U.S.PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

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 ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

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 ⁵

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	Filing Date	2008-01-16
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	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.004C5US

1	U.S. Patent and Trademark Office, Office Action in Inter Partes Reexamination of Patent No. 7486926, Control No. 95/001,263, Office Action issued July 9, 2010, 20 pgs.	<input type="checkbox"/>
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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.

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

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	First Named Inventor	Russell W. White, et al.
	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.004C5US

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See attached certification statement.

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

None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Mark J. Rozman/	Date (YYYY-MM-DD)	2010-08-02
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 Patent Application Fee Transmittal

Application Number:	12015320				
Filing Date:	16-Jan-2008				
Title of Invention:	METHOD FOR MANAGING MEDIA				
First Named Inventor/Applicant Name:	Russell W. White				
Filer:	Mark J. Rozman/Nishi Pasarya				
Attorney Docket Number:	AFF.0004C5US				
Filed as Large Entity					
Utility under 35 USC 111(a) Filing Fees					
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)	
Basic Filing:					
Pages:					
Claims:					
Miscellaneous-Filing:					
Petition:					
Patent-Appeals-and-Interference:					
Post-Allowance-and-Post-Issuance:					
Extension-of-Time:					

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				180

Electronic Acknowledgement Receipt

EFS ID:	8139111
Application Number:	12015320
International Application Number:	
Confirmation Number:	2156
Title of Invention:	METHOD FOR MANAGING MEDIA
First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman/Nishi Pasarya
Filer Authorized By:	Mark J. Rozman
Attorney Docket Number:	AFF.0004C5US
Receipt Date:	02-AUG-2010
Filing Date:	16-JAN-2008
Time Stamp:	18:06:26
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	5099
Deposit Account	201504
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	AFF004C5US_IDS.pdf	80729	no	3
			45b8332a83e9de7f9f1a83bd099387b1147eb905		
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
2	NPL Documents	NPL_95001263OA.pdf	489757	no	20
			76f16452e93659817f9a8a5e49e54463c05fac16		
Warnings:					
Information:					
3	Fee Worksheet (PTO-875)	fee-info.pdf	30372	no	2
			ccc4d77fe033c428b6dbed947e05d482e8d5ed70		
Warnings:					
Information:					
Total Files Size (in bytes):			600858		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/015,320	08/17/2010	7778595	AFF.0004C5US	2156

21906 7590 07/28/2010
TROP, PRUNER & HU, P.C.
1616 S. VOSS ROAD, SUITE 750
HOUSTON, TX 77057-2631

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

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



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO. Includes fields for EXAMINER (GARY, ERIKA A), ART UNIT (2617), PAPER NUMBER, MAIL DATE (07/16/2010), and DELIVERY MODE (PAPER).

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

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



UNITED STATES DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
12015320	1/16/08	WHITE ET AL.	AFF.0004C5US

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

EXAMINER

Erika A. Gary

ART UNIT	PAPER
2617	20100713

DATE MAILED:

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

Commissioner for Patents

Please see the attached signed IDS filed 6/21/10.

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

Receipt Date: 06/21/2010

One-time US

Doc description: Information Disclosure Statement (IDS) Filed

Under the Paperwork Reduction Act of 2002, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO Form 030 (01/04)

Approved For Use: 07/17/2010 09:56:00:0001

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.58)	Application Number	12011837
	Filing Date	2009-04-16
	First Named Inventor	Russell W. White, et al.
	Art Unit	2617
	Examiner Name	Eric A. Bory
Attorney/Agent Number	AF100492115	

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

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

U.S. PATENT APPLICATION PUBLICATIONS						
Examiner Initial	Cite No	Publication Number	Kind Code	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

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

FOREIGN PATENT DOCUMENTS							
Examiner Initial	Cite No	Foreign Document Identifier	Country Code(s)	Kind Code(s)	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1						

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

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initial	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, page(s), volume/issue number(s), publisher, city and/or country where published.	

07/28/2010

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.59)

Application Number	12015327
Filing Date	2008-01-10
First Name of Inventor	Russell W. White, et al.
Art Unit	2617
Examiner Name	Erika A. Gary
Attorney Docket Number	REF-0040805

EG	U.S. Patent and Trademark Office, Office Action in Inter Partes Reexamination dated June 14, 2010 in U.S. application no. 26401221.	<input type="checkbox"/>
EG	U.S. Patent and Trademark Office, Ex Parte Reexamination Communication Transmitted Form dated June 14, 2010 providing "Notice: Siré Spéciale, To Merge Reexamination Proceedings," in U.S. application no. 26401221.	<input type="checkbox"/>

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EXAMINER SIGNATURE

Examiner Signature: /Erika A. Gary/ Date Considered: 07/13/10

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1 See (a) that Codes of USPTO Patent Documents at www.USPTO.gov or MPEP §201.01. (b) Code refers the issued US document, by the US Patent code (USPTO Standard 2712). (c) For Japanese publications, the indication of the year of the issue of the English must precede the patent number of the patent document. (d) Kind of document by the appropriate symbols as indicated on the document under MPEP Standard 21. (e) If possible. (f) Applicant to always check mark here if English language translation is attached.

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

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PTO/SB/08a (07-09)

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

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

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

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

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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS								
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	12015320
	Filing Date	2008-01-16
	First Named Inventor	Russell W. White, et al.
	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.004C5US

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

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

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).

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That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

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

None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Mark J. Rozman/	Date (YYYY-MM-DD)	2010-06-21
Name/Print	Mark J. Rozman	Registration Number	42117

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Electronic Patent Application Fee Transmittal

Application Number:	12015320				
Filing Date:	16-Jan-2008				
Title of Invention:	METHOD FOR MANAGING MEDIA				
First Named Inventor/Applicant Name:	Russell W. White				
Filer:	Mark J. Rozman/Stephanie Petreas				
Attorney Docket Number:	AFF.0004C5US				
Filed as Large Entity					
Utility under 35 USC 111(a) Filing Fees					
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)	
Basic Filing:					
Pages:					
Claims:					
Miscellaneous-Filing:					
Petition:					
Patent-Appeals-and-Interference:					
Post-Allowance-and-Post-Issuance:					
Extension-of-Time:					

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				180

Electronic Acknowledgement Receipt

EFS ID:	7856484
Application Number:	12015320
International Application Number:	
Confirmation Number:	2156
Title of Invention:	METHOD FOR MANAGING MEDIA
First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman/Stephanie Petreas
Filer Authorized By:	Mark J. Rozman
Attorney Docket Number:	AFF.0004C5US
Receipt Date:	21-JUN-2010
Filing Date:	16-JAN-2008
Time Stamp:	15:38:59
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	2039
Deposit Account	201504
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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)	AFF004C5USIDSCiting004B2OAndNotice.pdf	82791 f8abd0294f8b0586802f12f01e3637d45c7d3c07	no	3
Warnings:					
Information:					
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2	NPL Documents	AFF004B2USOfficeActiondated 6-14-10.pdf	1264784 45968f6975027504396a0419d48bdde31de4add8	no	53
Warnings:					
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3	NPL Documents	AFF004B2USTransmittalofDecisiontoMergerReexamProceedings.pdf	326447 54a1c69be40c700540922d126946a55300a2bd1c	no	12
Warnings:					
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4	Fee Worksheet (PTO-875)	fee-info.pdf	30468 0d6777558b0b4ed564cecb3396a90d1d6c5ee31a	no	2
Warnings:					
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Total Files Size (in bytes):			1704490		
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Receipt date: 04/24/2008

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	12/015,320
	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

U.S. PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	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		12 2005- 10 -20	Bulhuis 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.	

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /E.G./

Receipt date: 04/24/2008

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

Application Number	12/013,320
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

9	6888929		2005-05-03	Saylor et al.	
10	6842906		2005-01-11	Bowman-Amuah; Michel K.	
11	6792086		2005-04-04 09/2004	Saylor et al.	<i>6/21/10</i>
12	6754181		2004-09-04 06/2004	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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Receipt date: 04/24/2008

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

Application Number	12/015,320	
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

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		⁰⁶ 2003-07 -10	Bowman-Amuah; Michel K.	<i>AS</i> <i>6/21/10</i>

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U.S.PATENT APPLICATION PUBLICATIONS

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12/01/05, 320
	Filing Date		
	First Named Inventor	Russell W. White	
	Art Unit		
	Examiner Name	Unknown	
	Attorney Docket Number	111111.1111-5C	

PTO/SB08/a filed 01/16/2008

U.S. PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6571282		2003-07-57 05/00/03	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.	
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	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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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /E.G./

Receipt date: 11/14/2008

Doc code :IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (10-08)

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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	Unknown
	Attorney Docket Number	AFF.004C5US

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
	1	6396164		2002-05-28	Bamea, et al.			
	2	6255961		07/2001 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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Receipt date: 05/27/2009

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

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

20	5774827		1998-06-30	Smith, Jr. , et al.	
21	5777394		1998-07-07	Arold	
22	5790973		1998-08-04	Blaker , et al.	
23	5790974		1998-08-04	Tognazzini	
24	5802492 4,802,492		1989-02-07	Grunstein	
25	5806018		1998-09-08	Smith , et al.	
26	5808566		1998-09-15	Behr , et al.	
27	5864305		1999-01-26	Rosenquist	
28	5875412		1999-02-23	Sulich , et al.	
29	5908464		1999-06-01	Kishigami , et al.	
30	5917405		1999-06-29	Joao	

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6/2/10

Receipt date: 05/27/2009 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12015320	
	Filing Date		2008-01-16	
	First Named Inventor	Russell W. White, et al.		
	Art Unit	2617		
	Examiner Name	Erika A. Gary		
	Attorney Docket Number	AFF.004C5US		

42	6128559		2000-10-03	Saitou, et al.	
43	6131060		2000-10-10	Obradovich, et al.	
44	6133853		2000-10-17	Obradovich, et al.	
45	6148261		2000-11-14	Obradovich, et al.	
46	6161071		2000-12-12	Shuman, et al.	
47	6169515		2001-01-02	Mannings, et al.	
48	5175782 6,175,782		2001-01-16	Obradovich, et al.	
49	6584403		2003-06-24	Bunn	

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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20020144271		2002-10-03	BEHAGEN, MICHAEL ; et al.	
If you wish to add additional U.S. Published Application citation information please click the Add button.						<input type="button" value="Add"/>

Receipt date: 04/28/2009

**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 ¹	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		2005-05-05	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 ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	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 ⁵
	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"/>

Handwritten signature and date: 6/2/10

Receipt date: 03/02/2010

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

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

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

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

U.S. PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6636242		2003-10-21	Bowman-Amuah	
	2	6615253		2003-09-02	Bowman-Amuah	
	3	6615199		2003-09-02	Bowman-Amuah	
	4	6606744		2003-08-12	Mikurak	
	5	6606660		2003-08-12	Bowman-Amuah	
	6	6601234		2003-07-29	Bowman-Amuah	
	7	6601192		2003-07-29	Bowman-Amuah	
	8	6578068		⁰⁶ 2003- 07 -10	Bowman-Amuah	

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

U.S. PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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	7	6539396		2003-03-25	Bowman-Amuah	
	8	6529948		2003-03-04	Bowman-Amuah	

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

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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	06/16/2010	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
			06/16/2010	PAPER

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12015320	1/16/08	WHITE ET AL.	AFF.0004C5US

TROP, PRUNER & HU, P.C.
1616 S. VOSS ROAD, SUITE 750
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EXAMINER

Erika A. Gary

ART UNIT	PAPER
2617	20100614

2617 20100614

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

Receipt date: 06/11/2010

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

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

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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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		2617
	Examiner Name	Erika A. Gary	
	Attorney Docket Number		AFF.004C5US

1	U.S. Patent And Trademark Office, Office Action in Inter Partes Reexamination mailed on May 24, 2010, in U.S. application reexamination serial no. 95/001,262.	<input type="checkbox"/>
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Examiner Signature	/Erika Gary/ (06/14/2010)	Date Considered	06/14/2010
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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
12015320	1/16/08	WHITE ET AL.	AFF.0004C5US

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

EXAMINER

Erika A. Gary

ART UNIT	PAPER
2617	20100609

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Please see the attached signed IDS filed 5/25/10.

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

Receipt date: 05/25/2010

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

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	Art Unit	2617		
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	Attorney Docket Number	AFF.004C5US		

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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	2	6023232		2000-02-08	Eitzenberger	
	3	6151634		2000-11-21	Glaser	
	4	6453281		2002-09-17	Walters	
	5	6678215		2004-01-13	Treyz	

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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20010042107		2001-11-15	Palm	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12015320	
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	1	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Civil Action No. 9:08CV164, AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., ALPINE ELECTRONICS OF AMERICA, INC., et al., Civil Action No. 9:08CV171, Order Construing Claim Terms of Unites States Patent No. 7,634,228, Filed on May 10, 2010, Pages 1-27.	<input type="checkbox"/>
	2	D. PETERS, et al., "Car Multimedia - Mobile Multimedia for the 21st Century," October 5-6, 2000, Pages 1-58.	<input type="checkbox"/>
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	4	JOHN HANAN, "Car Audio Has Come Far since the 8-Track," Knight Ridder/Tribune Business News, December 17, 1999, Pages 1-2.	<input type="checkbox"/>
	5	BUSINESS WIRE, "Lobjects Announces New Digital Audio Player Technology for the Next-Generation Auto PC," August 4, 1999, Pages 1-2.	<input type="checkbox"/>
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	7	BUSINESS WIRE, ""HUM" MP3 Software Turns Windows CE Handheld Computers Into Portable Music Players," May 24, 1999, Pages 1-2.	<input type="checkbox"/>

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

8	CHRIS De HERRERA, "Windows CE 2.0 Auto PC Pictures," Chris De Herrera's Windows CE Website, Revised January 11, 1999, Pages 1-3.	<input type="checkbox"/>
9	JOHN MURRAY, "Inside Microsoft Windows CE," Microsoft Press, 1998, Pages 1-20.	<input type="checkbox"/>
10	COMPAQ, INTEL, MICROSOFT, NEC, "Universal Serial Bus Device Class Definition for Audio Devices," Release 1.0, March 18, 1998, Pages 1-130.	<input type="checkbox"/>
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13	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Defendants, Case No. 9:08-cv-00164-RC, First Amended Answer And Counterclaim Of Defendant Volkswagen Group Of America, Inc. To Third Amended Complaint, Filed on April 9, 2010, Pages 1-57.	<input type="checkbox"/>
14	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Defendants, Case No. 9:08-cv-00164-RC, Amended Answer And Counterclaim Of Defendants Hyundai Motor America, Hyundai Motor Manufacturing Alabama, LLC, And KIA Motors America, Inc. To Plaintiff Affinity Labs Of Texas, LLC's Third Amended Complaint, Filed on April 9, 2010, Pages 1-22.	<input type="checkbox"/>
15	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Defendants, Case No. 9:08-cv-00164-RC, Plaintiff's Reply To Amended Answer And Counterclaim Of Defendants Hyundai Motor America, Hyundai Motor Manufacturing Alabama, LLC And KIA Motors America, Inc. To Plaintiff Affinity Labs of Texas, LLC's Third Amended Complaint, Filed on April 27, 2010, Pages 1-7.	<input type="checkbox"/>
16	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Defendants, Case No. 9:08-cv-00164-RC, Plaintiff's Reply To First Amended Answer And Counterclaim Of Defendant Volkswagen Group Of America, Inc. To Third Amended Complaint, Filed on April 27, 2010, Pages 1-7.	<input type="checkbox"/>
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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	2617
Examiner Name	Erika A. Gary
Attorney Docket Number	AFF.004C5US

19	CLARION Car Audio and Beyond, "1999 Car Audio & Security Product," 1999, Pages 1-60.	<input type="checkbox"/>
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21	CLARION Auto PC, "Clarion Auto PC Owner's Manual," 1998, Pages 1-177.	<input type="checkbox"/>
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27	GINA HERTEL, "A Voice-Activated Co-Pilot: ICES," Odds & Ends, January 2000, Vol. 8, Issue 1, Pages 1-5.	<input type="checkbox"/>
28	KAMI BUCHHOLZ, "Diversified Software launches IVIS," Automotive Engineering Online, 2009, one page.	<input type="checkbox"/>
29	EMPEG Car webpage, http://web.archive.org/web/19990430033318/www.empeg.com/main.html , April 30, 1999, one page.	<input type="checkbox"/>

Receipt date: 05/25/2010

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

30	CLARION AutoPC, "Frequently Asked Questions," 1998, Pages 1-3.	<input type="checkbox"/>
31	CLARION AutoPC, "Frequently Asked Questions," 1999, Pages 1-9.	<input type="checkbox"/>
32	STEREOPHILE, "Clarion Debuts World's First Automobile PC/Stereo," December 5, 1998, Pages 1-3.	<input type="checkbox"/>
33	STEVE WHALLEY, "Peripherals To Go: USB In AutoPC," Pages 1-2.	<input type="checkbox"/>
34	GREGORY L. WHITE, "After AutoPC's Hard Ride, Detroit Tries Rebooting In-Car Computers," The Wall Street Journal, Pages 1-3.	<input type="checkbox"/>
35	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Defendants, Civil Action No. 9:08-CV-164, Order Denying Defendant's Motion to Dismiss, Filed on September 2, 2009, Pages 1-7.	<input type="checkbox"/>

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Examiner Signature	/Erika Gary/ (06/09/2010)	Date Considered	06/09/2010
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	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.004C5US

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	Filing Date	2008-01-16
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	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.004C5US

1	U.S. Patent And Trademark Office, Office Action in Inter Partes Reexamination mailed on May 24, 2010, in U.S. application reexamination serial no. 95/001,262.	<input type="checkbox"/>
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	First Named Inventor	Russell W. White, et al.
	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.004C5US

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Signature	/Mark J. Rozman/	Date (YYYY-MM-DD)	2010-06-11
Name/Print	Mark J. Rozman	Registration Number	42117

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Electronic Patent Application Fee Transmittal

Application Number:	12015320				
Filing Date:	16-Jan-2008				
Title of Invention:	METHOD FOR MANAGING MEDIA				
First Named Inventor/Applicant Name:	Russell W. White				
Filer:	Mark J. Rozman/Stephanie Petreas				
Attorney Docket Number:	AFF.0004C5US				
Filed as Large Entity					
Utility under 35 USC 111(a) Filing Fees					
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EFS ID:	7800092
Application Number:	12015320
International Application Number:	
Confirmation Number:	2156
Title of Invention:	METHOD FOR MANAGING MEDIA
First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman/Stephanie Petreas
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Attorney Docket Number:	AFF.0004C5US
Receipt Date:	11-JUN-2010
Filing Date:	16-JAN-2008
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1	Information Disclosure Statement (IDS) Filed (SB/08)	AFF004C5USIDS.pdf	80464	no	3
			41ea1ceff4306a97a48812ae7b21e4830d63ea30		
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
2	NPL Documents	AFF004C5USNPLDoc04B3OA. pdf	533916	no	22
			ed47ecdcdcbcb4cf9ee9413966b15ec508e2b59d		
Warnings:					
Information:					
3	Fee Worksheet (PTO-875)	fee-info.pdf	30468	no	2
			c71b24c7f6803863405195f8f8a1c0aa89344d8e		
Warnings:					
Information:					
Total Files Size (in bytes):			644848		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

Receipt date: 06/04/2009

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

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

1					
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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 ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	WO 00/38340	WO		2000-06-29	Kim, Joehan		<input type="checkbox"/>
	2	WO 98/19480	WO		1998-07-05	Ericsson, Inc.		<input type="checkbox"/>
	3	WO 99/43136	WO		1999-08-26	Ericsson, Inc.		<input type="checkbox"/>
	4	8-79814	JP		1996-03-22			<input type="checkbox"/>
	5	9-74580	JP		1997-03-18			<input type="checkbox"/>
	6	10-149182	JP JP		1998-06-02			<input type="checkbox"/> <i>6/4/10</i>
	7	3056721	JP JP		1998-12-02			<input type="checkbox"/>
	8	WO 99/06910	WO		1999-02-11	Ludtke, Harold A.		<input type="checkbox"/>

EFS Web 2.1.13

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /E.G./

Receipt date: 05/27/2009

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (04-09)

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

U.S. PATENTS							Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	
	1	6144358		2000-11-07	Narayanaswamy, et al.		
	2	70132151 7,013,151		2006-03-14	Hirokawa		<i>AS</i> 6/4/10
	3	6175789		2001-01-16	Beckert, et al.		
	4	6201540		2001-03-13	Gallup, et al.		
	5	6202008		2001-03-13	Beckert, et al.		
	6	6363240		2002-03-26	Ito		
	7	6434459		2002-08-13	Wong, et al.		
	8	6449541		2002-09-10	Goldberg, et al.		

Receipt date: 03/02/2010

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

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PTO/SB/08a (07-09)

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

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

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5974333		1999-10-26	Chen	
	2	6418330		2002-07-09	Samsung	
	3	6587127		2003-07-01	Leeke, et al.	
	4	7123936		2006-10-17	Rydbeck, et al.	
	5	6177950		2001-01-23	Robb	
	6	6510325		2003-01-21	Mack, II, et al.	
	7	62788842 6278884		2001-08-21	Kim	
	8	7339993		2008-03-04	Brooks	

Handwritten initials and date: 6/4/10



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BIB DATA SHEET

CONFIRMATION NO. 2156

SERIAL NUMBER 12/015,320	FILING or 371(c) DATE 01/16/2008	CLASS 455	GROUP ART UNIT 2617	ATTORNEY DOCKET NO. AFF.0004C5US	
APPLICANTS Russell W. White, Austin, TX; Kevin R. Imes, Austin, TX; ** CONTINUING DATA ***** 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					
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	STATE OR COUNTRY TX	SHEETS DRAWINGS 9	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 3
ADDRESS TROP, PRUNER & HU, P.C. 1616 S. VOSS ROAD, SUITE 750 HOUSTON, TX 77057-2631 UNITED STATES					
TITLE METHOD FOR MANAGING MEDIA					
FILING FEE RECEIVED 917	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		

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(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/015,320	01/16/2008	Russell W. White	AFF.0004C5US	2156

TITLE OF INVENTION: METHOD FOR MANAGING MEDIA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	\$0	\$1055	08/04/2010

EXAMINER	ART UNIT	CLASS-SUBCLASS
GARY, ERIKA A	2617	455-410000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
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 2 _____
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: Affinity Labs of Texas, LLC
 (B) RESIDENCE: (CITY and STATE OR COUNTRY) Frisco, TX

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are submitted:
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 Publication Fee (No small entity discount permitted)
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4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)
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 Payment by credit card. Form PTO-2038 is attached.
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5. Change in Entity Status (from status indicated above)
 a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature: Mark J. Rozman Date: 5/26/10
 Typed or printed name: Mark J. Rozman Registration No. 42,117

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Electronic Patent Application Fee Transmittal

Application Number:	12015320			
Filing Date:	16-Jan-2008			
Title of Invention:	METHOD FOR MANAGING MEDIA			
First Named Inventor/Applicant Name:	Russell W. White			
Filer:	Mark J. Rozman/Stephanie Petreas			
Attorney Docket Number:	AFF.0004C5US			
Filed as Large Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Appl issue fee	1501	1	1510	1510
Publ. Fee- early, voluntary, or normal	1504	1	300	300

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1810

Electronic Acknowledgement Receipt

EFS ID:	7692220
Application Number:	12015320
International Application Number:	
Confirmation Number:	2156
Title of Invention:	METHOD FOR MANAGING MEDIA
First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman/Stephanie Petreas
Filer Authorized By:	Mark J. Rozman
Attorney Docket Number:	AFF.0004C5US
Receipt Date:	26-MAY-2010
Filing Date:	16-JAN-2008
Time Stamp:	15:09:25
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$1810
RAM confirmation Number	1341
Deposit Account	201504
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	AFF004C5IssueFeeTransmittal.pdf	60678 <small>5e966a851757326868caee925789be037828fd27</small>	no	1
Warnings:					
Information:					
2	Fee Worksheet (PTO-875)	fee-info.pdf	31951 <small>57db30bd0ecc20156348872291a0d73a8e603824</small>	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			92629		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Russell W. White, et al. § Group Art Unit: 2617
Serial No.: 12/015,320 §
Filed: January 16, 2008 § Examiner: Erika A. Gary
For: Method For Managing Media § Atty. Dkt. No.: AFF.004C5US

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

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

The attached Information Disclosure Statement includes references that were identified in various charts and contentions prepared by defendants in a lawsuit. The charts and contentions themselves are not included with this Information Disclosure Statement. Based on previous discussions and as set forth in the Reply to Office Action filed March 15, 2010, Applicants are not providing such contentions and claim charts, as it is understood that the Examiner does not wish to receive them.

The references also include several orders issued by the district courts in the pending litigations. In addition, several amended answers and replies to these answers are provided. However, other documents filed by the parties in such litigations are not being provided. If Applicants have misunderstood the Examiner's wishes regarding disclosure materials, Applicants respectfully respect the Examiner to address this issue.

Date of Deposit: <u>May 25, 2010</u> I hereby certify under 37 CFR § 1.8 this correspondence is being deposited via EFS on the date indicated above. /Stephanie Petreas/ Stephanie Petreas

The Commissioner is authorized to charge any fees or credit any overpayment to Deposit Account No. 20-1504.

Respectfully submitted,

Date: May 25, 2010

/Mark J. Rozman/

Mark J. Rozman

Registration No. 42,117

TROP, PRUNER & HU, P.C.

1616 S. Voss Road, Suite 750

Houston, Texas 77057-2631

(512) 418-9944 [Phone]

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Customer No: 21906

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

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

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

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6009363		1999-12-28	Beckert	
	2	6023232		2000-02-08	Eitzenberger	
	3	6151634		2000-11-21	Glaser	
	4	6453281		2002-09-17	Walters	
	5	6678215		2004-01-13	Treyz	

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U.S.PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20010042107		2001-11-15	Palm	

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

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Civil Action No. 9:08CV164, AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., ALPINE ELECTRONICS OF AMERICA, INC., et al., Civil Action No. 9:08CV171, Order Construing Claim Terms of Unites States Patent No. 7,634,228, Filed on May 10, 2010, Pages 1-27.	<input type="checkbox"/>
	2	D. PETERS, et al., "Car Multimedia - Mobile Multimedia for the 21st Century," October 5-6, 2000, Pages 1-58.	<input type="checkbox"/>
	3	STEPHAN HARTWIG, et al., "Mobile Multimedia - Challenges and Opportunities Invited Paper," June 19, 2000, Pages 1-12.	<input type="checkbox"/>
	4	JOHN HANAN, "Car Audio Has Come Far since the 8-Track," Knight Ridder/Tribune Business News, December 17, 1999, Pages 1-2.	<input type="checkbox"/>
	5	BUSINESS WIRE, "Lobjects Announces New Digital Audio Player Technology for the Next-Generation Auto PC," August 4, 1999, Pages 1-2.	<input type="checkbox"/>
	6	JASON MESERVE, "Windows Media Player now available for WinCe, (from Microsoft) (Product Announcement)," Network World, March 6, 2000, Pages 1-2.	<input type="checkbox"/>
	7	BUSINESS WIRE, ""HUM" MP3 Software Turns Windows CE Handheld Computers Into Portable Music Players," May 24, 1999, Pages 1-2.	<input type="checkbox"/>

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

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

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

19	CLARION Car Audio and Beyond, "1999 Car Audio & Security Product," 1999, Pages 1-60.	<input type="checkbox"/>
20	JAMIE ANDERSON, "Driving our way soon: the e-car," The Times, November 9, 2000, Pages 1-4.	<input type="checkbox"/>
21	CLARION Auto PC, "Clarion Auto PC Owner's Manual," 1998, Pages 1-177.	<input type="checkbox"/>
22	DELPHI Automotive Systems, "The Personal Productivity Vehicle," 1998, Pages 1-2.	<input type="checkbox"/>
23	DELPHI Delco Electronics Systems, "On-Board Architecture," 1997, Pages 1-2.	<input type="checkbox"/>
24	JANET BRAUNSTEIN, "Diversified Software Industries: Enabling digital instrument panels," January 10, 2001, Pages 1-2.	<input type="checkbox"/>
25	MICROSOFT PressPass, "Microsoft Previews New Devices Using Windows CE for Automotive 2.0," January 2000, Pages 1-2.	<input type="checkbox"/>
26	JOHN TOWNLEY, "Countdown to Clarion," Automeia, Pages 1-4.	<input type="checkbox"/>
27	GINA HERTEL, "A Voice-Activated Co-Pilot: ICES," Odds & Ends, January 2000, Vol. 8, Issue 1, Pages 1-5.	<input type="checkbox"/>
28	KAMI BUCHHOLZ, "Diversified Software launches IVIS," Automotive Engineering Online, 2009, one page.	<input type="checkbox"/>
29	EMPEG Car webpage, http://web.archive.org/web/19990430033318/www.empeg.com/main.html , April 30, 1999, one page.	<input type="checkbox"/>

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

30	CLARION AutoPC, "Frequently Asked Questions," 1998, Pages 1-3.	<input type="checkbox"/>
31	CLARION AutoPC, "Frequently Asked Questions," 1999, Pages 1-9.	<input type="checkbox"/>
32	STEREOPHILE, "Clarion Debuts World's First Automobile PC/Stereo," December 5, 1998, Pages 1-3.	<input type="checkbox"/>
33	STEVE WHALLEY, "Peripherals To Go: USB In AutoPC," Pages 1-2.	<input type="checkbox"/>
34	GREGORY L. WHITE, "After AutoPC's Hard Ride, Detroit Tries Rebooting In-Car Computers," The Wall Street Journal, Pages 1-3.	<input type="checkbox"/>
35	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Defendants, Civil Action No. 9:08-CV-164, Order Denying Defendant's Motion to Dismiss, Filed on September 2, 2009, Pages 1-7.	<input type="checkbox"/>

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

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

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	First Named Inventor	Russell W. White, et al.
	Art Unit	2617
	Examiner Name	Erika A. Gary
	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)	2010-05-25
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 Patent Application Fee Transmittal

Application Number:	12015320			
Filing Date:	16-Jan-2008			
Title of Invention:	METHOD FOR MANAGING MEDIA			
First Named Inventor/Applicant Name:	Russell W. White			
Filer:	Mark J. Rozman/Stephanie Petreas			
Attorney Docket Number:	AFF.0004C5US			
Filed as Large Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				180

Electronic Acknowledgement Receipt

EFS ID:	7685599
Application Number:	12015320
International Application Number:	
Confirmation Number:	2156
Title of Invention:	METHOD FOR MANAGING MEDIA
First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman/Stephanie Petreas
Filer Authorized By:	Mark J. Rozman
Attorney Docket Number:	AFF.0004C5US
Receipt Date:	25-MAY-2010
Filing Date:	16-JAN-2008
Time Stamp:	17:09:21
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
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Deposit Account	201504
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Information:					
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<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Russell W. White, et al. § Group Art Unit: 2617
Serial No.: 12/015,320 §
Filed: January 16, 2008 § Examiner: Erika A. Gary
For: Method For Managing Media § Atty. Dkt. No.: AFF.004C5US

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

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

The attached Information Disclosure Statement includes references that were identified in various charts and contentions prepared by defendants in a lawsuit. The charts and contentions themselves are not included with this Information Disclosure Statement. Based on previous discussions and as set forth in the Reply to Office Action filed March 15, 2010, Applicants are not providing such contentions and claim charts, as it is understood that the Examiner does not wish to receive them.

The references also include several orders issued by the district courts in the pending litigations. In addition, several amended answers and replies to these answers are provided. However, other documents filed by the parties in such litigations are not being provided. If Applicants have misunderstood the Examiner's wishes regarding disclosure materials, Applicants respectfully respect the Examiner to address this issue.

Date of Deposit: <u>May 25, 2010</u> I hereby certify under 37 CFR § 1.8 this correspondence is being deposited via EFS on the date indicated above. /Stephanie Petreas/ Stephanie Petreas

The Commissioner is authorized to charge any fees or credit any overpayment to Deposit Account No. 20-1504.

Respectfully submitted,

Date: May 25, 2010

/Mark J. Rozman/

Mark J. Rozman

Registration No. 42,117

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Doc description: Information Disclosure Statement (IDS) Filed

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

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6009363		1999-12-28	Beckert	
	2	6023232		2000-02-08	Eitzenberger	
	3	6151634		2000-11-21	Glaser	
	4	6453281		2002-09-17	Walters	
	5	6678215		2004-01-13	Treyz	

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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20010042107		2001-11-15	Palm	

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

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Civil Action No. 9:08CV164, AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., ALPINE ELECTRONICS OF AMERICA, INC., et al., Civil Action No. 9:08CV171, Order Construing Claim Terms of Unites States Patent No. 7,634,228, Filed on May 10, 2010, Pages 1-27.	<input type="checkbox"/>
	2	D. PETERS, et al., "Car Multimedia - Mobile Multimedia for the 21st Century," October 5-6, 2000, Pages 1-58.	<input type="checkbox"/>
	3	STEPHAN HARTWIG, et al., "Mobile Multimedia - Challenges and Opportunities Invited Paper," June 19, 2000, Pages 1-12.	<input type="checkbox"/>
	4	JOHN HANAN, "Car Audio Has Come Far since the 8-Track," Knight Ridder/Tribune Business News, December 17, 1999, Pages 1-2.	<input type="checkbox"/>
	5	BUSINESS WIRE, "Lobjects Announces New Digital Audio Player Technology for the Next-Generation Auto PC," August 4, 1999, Pages 1-2.	<input type="checkbox"/>
	6	JASON MESERVE, "Windows Media Player now available for WinCe, (from Microsoft) (Product Announcement)," Network World, March 6, 2000, Pages 1-2.	<input type="checkbox"/>
	7	BUSINESS WIRE, ""HUM" MP3 Software Turns Windows CE Handheld Computers Into Portable Music Players," May 24, 1999, Pages 1-2.	<input type="checkbox"/>

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

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

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

Application Number	12015320
Filing Date	2008-01-16
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Attorney Docket Number	AFF.004C5US

19	CLARION Car Audio and Beyond, "1999 Car Audio & Security Product," 1999, Pages 1-60.	<input type="checkbox"/>
20	JAMIE ANDERSON, "Driving our way soon: the e-car," The Times, November 9, 2000, Pages 1-4.	<input type="checkbox"/>
21	CLARION Auto PC, "Clarion Auto PC Owner's Manual," 1998, Pages 1-177.	<input type="checkbox"/>
22	DELPHI Automotive Systems, "The Personal Productivity Vehicle," 1998, Pages 1-2.	<input type="checkbox"/>
23	DELPHI Delco Electronics Systems, "On-Board Architecture," 1997, Pages 1-2.	<input type="checkbox"/>
24	JANET BRAUNSTEIN, "Diversified Software Industries: Enabling digital instrument panels," January 10, 2001, Pages 1-2.	<input type="checkbox"/>
25	MICROSOFT PressPass, "Microsoft Previews New Devices Using Windows CE for Automotive 2.0," January 2000, Pages 1-2.	<input type="checkbox"/>
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29	EMPEG Car webpage, http://web.archive.org/web/19990430033318/www.empeg.com/main.html , April 30, 1999, one page.	<input type="checkbox"/>

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32	STEREOPHILE, "Clarion Debuts World's First Automobile PC/Stereo," December 5, 1998, Pages 1-3.	<input type="checkbox"/>
33	STEVE WHALLEY, "Peripherals To Go: USB In AutoPC," Pages 1-2.	<input type="checkbox"/>
34	GREGORY L. WHITE, "After AutoPC's Hard Ride, Detroit Tries Rebooting In-Car Computers," The Wall Street Journal, Pages 1-3.	<input type="checkbox"/>
35	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Defendants, Civil Action No. 9:08-CV-164, Order Denying Defendant's Motion to Dismiss, Filed on September 2, 2009, Pages 1-7.	<input type="checkbox"/>

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Examiner Signature	Date Considered
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OR

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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)	2010-05-25
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 Patent Application Fee Transmittal

Application Number:	12015320			
Filing Date:	16-Jan-2008			
Title of Invention:	METHOD FOR MANAGING MEDIA			
First Named Inventor/Applicant Name:	Russell W. White			
Filer:	Mark J. Rozman/Stephanie Petreas			
Attorney Docket Number:	AFF.0004C5US			
Filed as Large Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				180

Electronic Acknowledgement Receipt

EFS ID:	7685852
Application Number:	12015320
International Application Number:	
Confirmation Number:	2156
Title of Invention:	METHOD FOR MANAGING MEDIA
First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman/Stephanie Petreas
Filer Authorized By:	Mark J. Rozman
Attorney Docket Number:	AFF.0004C5US
Receipt Date:	25-MAY-2010
Filing Date:	16-JAN-2008
Time Stamp:	17:25:21
Application Type:	Utility under 35 USC 111(a)

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Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	3679
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1	Information Disclosure Statement (IDS) Filed (SB/08)	AFF004C5USIDSCoverLetterand1449.pdf	196479 a491774a9601d532667d1f1443a2c9eb6ed432dd	no	8
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Total Files Size (in bytes):			6813030		

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

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

New International Application Filed with the USPTO as a Receiving Office

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Russell W. White, et al. § Group Art Unit: 2617
Serial No.: 12/015,320 §
Filed: January 16, 2008 § Examiner: Erika A. Gary
For: Method For Managing Media § Atty. Dkt. No.: AFF.004C5US

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

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

The attached Information Disclosure Statement includes references that were identified in various charts and contentions prepared by defendants in a lawsuit. The charts and contentions themselves are not included with this Information Disclosure Statement. Based on previous discussions and as set forth in the Reply to Office Action filed March 15, 2010, Applicants are not providing such contentions and claim charts, as it is understood that the Examiner does not wish to receive them.

The references also include several orders issued by the district courts in the pending litigations. In addition, several amended answers and replies to these answers are provided. However, other documents filed by the parties in such litigations are not being provided. If Applicants have misunderstood the Examiner's wishes regarding disclosure materials, Applicants respectfully respect the Examiner to address this issue.

Date of Deposit: May 25, 2010
I hereby certify under 37 CFR § 1.8 this correspondence is being deposited **via EFS** on the date indicated above.
/Stephanie Petreas/
Stephanie Petreas

The Commissioner is authorized to charge any fees or credit any overpayment to Deposit Account No. 20-1504.

Respectfully submitted,

Date: May 25, 2010

/Mark J. Rozman/

Mark J. Rozman

Registration No. 42,117

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Customer No: 21906

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

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

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

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

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6009363		1999-12-28	Beckert	
	2	6023232		2000-02-08	Eitzenberger	
	3	6151634		2000-11-21	Glaser	
	4	6453281		2002-09-17	Walters	
	5	6678215		2004-01-13	Treyz	

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

U.S.PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20010042107		2001-11-15	Palm	

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

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Civil Action No. 9:08CV164, AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., ALPINE ELECTRONICS OF AMERICA, INC., et al., Civil Action No. 9:08CV171, Order Construing Claim Terms of Unites States Patent No. 7,634,228, Filed on May 10, 2010, Pages 1-27.	<input type="checkbox"/>
	2	D. PETERS, et al., "Car Multimedia - Mobile Multimedia for the 21st Century," October 5-6, 2000, Pages 1-58.	<input type="checkbox"/>
	3	STEPHAN HARTWIG, et al., "Mobile Multimedia - Challenges and Opportunities Invited Paper," June 19, 2000, Pages 1-12.	<input type="checkbox"/>
	4	JOHN HANAN, "Car Audio Has Come Far since the 8-Track," Knight Ridder/Tribune Business News, December 17, 1999, Pages 1-2.	<input type="checkbox"/>
	5	BUSINESS WIRE, "Lobjects Announces New Digital Audio Player Technology for the Next-Generation Auto PC," August 4, 1999, Pages 1-2.	<input type="checkbox"/>
	6	JASON MESERVE, "Windows Media Player now available for WinCe, (from Microsoft) (Product Announcement)," Network World, March 6, 2000, Pages 1-2.	<input type="checkbox"/>
	7	BUSINESS WIRE, ""HUM" MP3 Software Turns Windows CE Handheld Computers Into Portable Music Players," May 24, 1999, Pages 1-2.	<input type="checkbox"/>

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

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

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

19	CLARION Car Audio and Beyond, "1999 Car Audio & Security Product," 1999, Pages 1-60.	<input type="checkbox"/>
20	JAMIE ANDERSON, "Driving our way soon: the e-car," The Times, November 9, 2000, Pages 1-4.	<input type="checkbox"/>
21	CLARION Auto PC, "Clarion Auto PC Owner's Manual," 1998, Pages 1-177.	<input type="checkbox"/>
22	DELPHI Automotive Systems, "The Personal Productivity Vehicle," 1998, Pages 1-2.	<input type="checkbox"/>
23	DELPHI Delco Electronics Systems, "On-Board Architecture," 1997, Pages 1-2.	<input type="checkbox"/>
24	JANET BRAUNSTEIN, "Diversified Software Industries: Enabling digital instrument panels," January 10, 2001, Pages 1-2.	<input type="checkbox"/>
25	MICROSOFT PressPass, "Microsoft Previews New Devices Using Windows CE for Automotive 2.0," January 2000, Pages 1-2.	<input type="checkbox"/>
26	JOHN TOWNLEY, "Countdown to Clarion," Automeia, Pages 1-4.	<input type="checkbox"/>
27	GINA HERTEL, "A Voice-Activated Co-Pilot: ICES," Odds & Ends, January 2000, Vol. 8, Issue 1, Pages 1-5.	<input type="checkbox"/>
28	KAMI BUCHHOLZ, "Diversified Software launches IVIS," Automotive Engineering Online, 2009, one page.	<input type="checkbox"/>
29	EMPEG Car webpage, http://web.archive.org/web/19990430033318/www.empeg.com/main.html , April 30, 1999, one page.	<input type="checkbox"/>

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

30	CLARION AutoPC, "Frequently Asked Questions," 1998, Pages 1-3.	<input type="checkbox"/>
31	CLARION AutoPC, "Frequently Asked Questions," 1999, Pages 1-9.	<input type="checkbox"/>
32	STEREOPHILE, "Clarion Debuts World's First Automobile PC/Stereo," December 5, 1998, Pages 1-3.	<input type="checkbox"/>
33	STEVE WHALLEY, "Peripherals To Go: USB In AutoPC," Pages 1-2.	<input type="checkbox"/>
34	GREGORY L. WHITE, "After AutoPC's Hard Ride, Detroit Tries Rebooting In-Car Computers," The Wall Street Journal, Pages 1-3.	<input type="checkbox"/>
35	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Defendants, Civil Action No. 9:08-CV-164, Order Denying Defendant's Motion to Dismiss, Filed on September 2, 2009, Pages 1-7.	<input type="checkbox"/>

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EXAMINER SIGNATURE

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

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).

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See attached certification statement.

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

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	/Mark J. Rozman/	Date (YYYY-MM-DD)	2010-05-25
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 Patent Application Fee Transmittal

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Filing Date:	16-Jan-2008			
Title of Invention:	METHOD FOR MANAGING MEDIA			
First Named Inventor/Applicant Name:	Russell W. White			
Filer:	Mark J. Rozman/Stephanie Petreas			
Attorney Docket Number:	AFF.0004C5US			
Filed as Large Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				180

Electronic Acknowledgement Receipt

EFS ID:	7686027
Application Number:	12015320
International Application Number:	
Confirmation Number:	2156
Title of Invention:	METHOD FOR MANAGING MEDIA
First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman/Stephanie Petreas
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Attorney Docket Number:	AFF.0004C5US
Receipt Date:	25-MAY-2010
Filing Date:	16-JAN-2008
Time Stamp:	17:38:10
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	3858
Deposit Account	201504
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9	Fee Worksheet (PTO-875)	fee-info.pdf	30468 bd8e432863259f84a970ba98ec5e256ab00 b8676	no	2
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Total Files Size (in bytes):			13584133		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					



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NOTICE OF ALLOWANCE AND FEE(S) DUE

21906 7590 05/04/2010

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

EXAMINER

GARY, ERIKA A

ART UNIT PAPER NUMBER

2617

DATE MAILED: 05/04/2010

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

12/015,320 01/16/2008 Russell W. White AFF:0004C5US 2156

TITLE OF INVENTION: METHOD FOR MANAGING MEDIA

Table with 7 columns: APPLN. TYPE, SMALL ENTITY, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

nonprovisional YES \$755 \$300 \$0 \$1055 08/04/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
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 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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21906 7590 05/04/2010

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

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/015,320	01/16/2008	Russell W. White	AFF:0004C5US	2156

TITLE OF INVENTION: METHOD FOR MANAGING MEDIA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	\$0	\$1055	08/04/2010

EXAMINER	ART UNIT	CLASS-SUBCLASS
GARY, ERIKA A	2617	455-410000

<p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</p>	<p>2. For printing on the patent front page, list</p> <p>(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____</p> <p>(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____</p> <p>3 _____</p>
---	---

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

<p>4a. The following fee(s) are submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p>	<p>4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p>
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5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

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Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO. Includes details for application 12/015,320, inventor Russell W. White, and attorney TROP, PRUNER & HU, P.C.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability	Application No.	Applicant(s)	
	12/015,320	WHITE ET AL.	
	Examiner	Art Unit	
	Erika A. Gary	2617	

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

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to 3/12/10.
2. The allowed claim(s) is/are 39-45, 48-65.
3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____ .
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date <u>11/16/09, 3/2/10, 3/16/10</u> 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ . 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
|---|--|

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

Receipt date: 03/02/2010

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

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

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

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6636242		2003-10-21	Bowman-Amuah	
	2	6615253		2003-09-02	Bowman-Amuah	
	3	6615199		2003-09-02	Bowman-Amuah	
	4	6606744		2003-08-12	Mikurak	
	5	6606660		2003-08-12	Bowman-Amuah	
	6	6601234		2003-07-29	Bowman-Amuah	
	7	6601192		2003-07-29	Bowman-Amuah	
	8	6578068		2003-07-10	Bowman-Amuah	

Receipt date: 03/02/2010

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

9	6587835		2003-07-01	Treyz, et al.	
10	6510210		2003-01-21	Baughan	
11	6509716		2003-01-21	Yi	
12	6496692		2002-12-17	Shanahan	
13	6396769		2002-05-28	Polany	
14	6240297		2001-05-29	Jadoul	
15	6061306		2000-05-09	Buchheim	
16	5953659		1999-09-14	Ghisler	
17	5940767		1999-08-17	Bourgeois	
18	5870680		1999-02-09	Guerlin, et al.	
19	5774793		1998-06-30	Cooper, et al.	

EFS Web 2.1.16

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /E.G./

Receipt date: 03/02/2010

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

	20	5587560		1996-12-24	Crooks, et al.	
	21	5586090		1996-12-17	Otte	
	22	5450471		1995-09-12	Hanawa, et al.	
	23	7020704		2006-03-28	Lipscomb, et al.	
	24	7343414		2008-03-11	Lipscomb, et al.	
	25	6728531		2004-04-27	Lee	
	26	6526335		2003-02-25	Treyz	
	27	6160551		2000-12-12	Naughton	
	28	6192340		2001-02-20	Abecassis	

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U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12015320	
	Filing Date		2008-01-16	
	First Named Inventor	Russell White, et al.		
	Art Unit	2617		
	Examiner Name	Erika A. Gary		
Attorney Docket Number		AFF.004C5US		

1						
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FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²ⁱ	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	H08-79814	JP		1996-03-22	Konishi		<input type="checkbox"/>

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	AFFINITY LABS OF TEXAS, LLC (Plaintiff) v. BMW NORTH AMERICA, LLC, ET AL. (Defendants), Civil Action No. 9:08CV164 and AFFINITY LABS OF TEXAS, LLC (Plaintiff) v. ALPINE ELECTRONICS OF AMERICA, INC., ET AL., Civil Action No. 9:08CV171, "Order Construing Claim Terms of United States Patent No. 7,324,833, issued on December 18, 2009, Pages 1-31.	<input type="checkbox"/>
	2	REAL NETWORKS, Inc., RealJukebox Plus Manual, 1999, Pages 1-90.	<input type="checkbox"/>

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EXAMINER SIGNATURE

Examiner Signature	/Erika Gary/ (04/12/2010)	Date Considered	04/12/2010
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¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Receipt date: 11/16/2009

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-09)

Approved for use through 02/28/2009. OMB 0651-0031

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

U.S. PATENTS							Remove	
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
	1	5539658		1996-07-23	McCullough, Timothy L.			
	2	6675233		2004-01-26	Du			
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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
	1	20030126335		2003-07-03	Silvester, Kelan C.			
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FOREIGN PATENT DOCUMENTS							Remove	
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	DE 19 651 308 A1	DE		1996-10-12	Becker GmbH		<input type="checkbox"/>
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NON-PATENT LITERATURE DOCUMENTS							Remove	

Receipt date: 11/16/2009 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		12015320
	Filing Date		2008-01-16
	First Named Inventor	Russell W. White, et al.	
	Art Unit	2617	
	Examiner Name	Erika A. Gary	
	Attorney Docket Number	AFF.004C5US	

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	"Universal Serial Bus Specification," Revision 1.1, September 23, 1998, pages ii-106.	<input type="checkbox"/>
	2	Reply to Office Action Mailed August 5, 2009 in Reexamination Control No. 90/010,333 of U.S. Patent No. 7,324,833 (along with a Supplemental Reply and Second Supplemental Reply).	<input type="checkbox"/>
	3	Response to "Notice of Failure to Comply with Inter Partes Reexamination Request Filing Requirements (37 CFR 1.915(d)) filed on September 22, 2009. Requestor: Volkswagen Group of America, Inc. with Replacement Request for Inter Partes Reexamination of U.S. Patent No. 7,324,833 and Claim Charts A-JJ.	<input type="checkbox"/>
	4	The United States Patent And Trademark Office, Office Action Mailed November 9, 2007 in related patent application serial no. 10/947,755.	<input type="checkbox"/>

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Examiner Signature	/Erika Gary/ (04/12/2010)	Date Considered	04/12/2010
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¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Receipt date: 03/02/2010

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

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

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

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code†	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5587560		1996-12-24	Crooks, et al.	
	2	5589090		1996-12-17	Otte	
	3	5450471		1995-09-12	Hanawa, et al.	
	4	6571282		2003-05-27	Bowman-Amuah	
	5	6550057		2003-04-15	Bowman-Amuah	
	6	6549949		2003-04-15	Bowman-Amuah	
	7	6539396		2003-03-25	Bowman-Amuah	
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	First Named Inventor	Russell White, et al.	
	Art Unit	2617	
	Examiner Name	Erika A. Gary	
	Attorney Docket Number	AFF.004C5US	

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1	Request for Inter Partes Reexamination of U.S. Patent No. 7,187,947, filed on November 13, 2009, with accompanying Claim Charts.	<input type="checkbox"/>
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¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Receipt date: 03/02/2010

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

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

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵

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	Art Unit	2617	
	Examiner Name	Erika A. Gary	
	Attorney Docket Number	AFF.004C5US	

1	Request for Inter Partes Reexamination of U.S. Patent No. 7,187,947, filed on November 13, 2009, with accompanying Claim Charts.	<input type="checkbox"/>
2	Request for Inter Partes Reexamination of U.S. Patent No. 7,440,772, filed on November 13, 2009, with accompanying Claim Charts.	<input type="checkbox"/>
3	Request for Inter Partes Reexamination of U.S. Patent No. 7,324,833, filed on November 13, 2009, with accompanying Claim Charts.	<input type="checkbox"/>
4	Request for Inter Partes Reexamination of U.S. Patent No. 7,486,926, filed on November 13, 2009, with accompanying Claim Charts.	<input type="checkbox"/>
5	Request for Inter Partes Reexamination of U.S. Patent No. 7,634,228, filed on February 3, 2010, with accompanying Claim Charts.	<input type="checkbox"/>

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Examiner Signature	/Erika Gary/ (04/12/2010)	Date Considered	04/12/2010
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	1							<input type="checkbox"/>

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

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

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	474	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:41
L2	187	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:42

L3	6	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and physical adj interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:42
L4	0	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and physical adj interface).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:44

L7	151	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:45
L8	0	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call)). ab. and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:45
L9	12	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)). ab. and (recharg\$5) and (local adj	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:45

		broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and interface				
L11	12	9 not 3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:45
L12	41	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system)).ab. and (broadcast\$3 or transmit\$4) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:48
L13	29	12 not 11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:48
L15	50	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system)).ab. and (broadcast\$3 or transmit\$4) and (recharg\$5) and (local adj broadcast or radio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:51

		adj station) and ((telephone or phone or incoming) adj call) and interface				
L16	9	15 not 12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:51
L17	17	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)).ab. and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:52
L18	5	17 not 9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:52
L19	6	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:53

		((telephone or phone or incoming) adj call) and physical adj interface				
L20	0	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and physical adj interface).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/29 14:53

EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	0	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telphone or phone or incoming) adj call) and physical adj interface).clm.	USPAT; UPAD	OR	ON	2010/04/29 14:44

L6	0	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and interface).clm.	USPAT; UPAD	OR	ON	2010/04/29 14:44
L14	0	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and interface).clm.	USPAT; UPAD	OR	ON	2010/04/29 14:51
L21	0	((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (receiv\$3 or receiver or radio or stereo or sound adj system) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or	USPAT; UPAD	OR	ON	2010/04/29 14:53

		phone or incoming) adj call) and (port or interface or jack)). clm.				
L22	0	((((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (broadcast\$3 or transmit\$4)) and (recharg\$5) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and (port or interface or jack)). clm.	USPAT; UPAD	OR	ON	2010/04/29 14:56
L23	0	((((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (broadcast\$3 or transmit\$4)) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj call) and (port or interface or jack)). clm.	USPAT; UPAD	OR	ON	2010/04/29 14:57
L24	0	((((multimedia or mp3 or music or media adj player or audio adj file or audio aj stream) with (broadcast\$3 or transmit\$4)) and (local adj broadcast or radio adj station) and ((telephone or phone or incoming) adj2 call) and (port or interface or jack)). clm.	USPAT; UPAD	OR	ON	2010/04/29 14:57

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	Examiner Erika A Gary	Art Unit 2617

ORIGINAL						INTERNATIONAL CLASSIFICATION														
CLASS			SUBCLASS			CLAIMED					NON-CLAIMED									
455			3.06			H	0	4	H	40 / 00 (2008.01.01)										
CROSS REFERENCE(S)																				
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)																			
455	566																			

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant <input type="checkbox"/> CPA <input type="checkbox"/> T.D. <input type="checkbox"/> R.1.47															
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-	15	-	31	-	47	24	63								
-	16	-	32	8	48	25	64								

NONE		Total Claims Allowed:	
		25	
(Assistant Examiner)	(Date)		
/Erika A Gary/ Primary Examiner.Art Unit 2617	4/29/10	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	7

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

SEARCHED			
Class	Subclass	Date	Examiner
	see EAST search attached	1/30/09	EAG
	see EAST search attached	11/7/09	EAG
	see EAST search attached	4/29/10	EAG

SEARCH NOTES		
Search Notes	Date	Examiner
searched parent case for current claim terms - see EAST search attached	1/30/09	EAG
see EAST search attached	11/7/09	EAG
see EAST search attached	4/29/10	EAG

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner
	see EAST search attached	4/29/10	EAG

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	1	5974333		1999-10-26	Chen	
	2	6418330		2002-07-09	Samsung	
	3	6587127		2003-07-01	Leeke, et al.	
	4	7123936		2006-10-17	Rydbeck, et al.	
	5	6177950		2001-01-23	Robb	
	6	6510325		2003-01-21	Mack, II, et al.	
	7	62788842		2001-08-21	Kim	
	8	7339993		2008-03-04	Brooks	

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	9	6917923		2005-12-06	Dimenstein	
	10	6157619		2000-12-05	Ozluturk	
	11	6609105		2003-08-19	Van Zoest, et al.	
	12	6353637		2002-03-05	Mansour, et al.	
	13	7444353		2008-10-28	Chen	
	14	5963916		1999-10-05	Kaplan	
	15	5956651		1999-09-21	Willkie	

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

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	WO 00/70523	WO		2000-11-23	Digimarc Corporation		<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 ⁵
	1	Nokia 9110 Communicator User Manual, Copyright 1999.	<input type="checkbox"/>
	2	Sony, "Sony Notebook Computer User Guide PCG-717/719," User Guide, 1997.	<input type="checkbox"/>
	3	AirCard, "Sierra Wireless Announces First Cellular Network Interface Card for Notebook PCs," June 21, 1999.	<input type="checkbox"/>
	4	MusicMatch Internet Music System, " MusicMatch Jukebox Reviews," March 4, 2000, May 8, 1999, August 29, 1999, May 8, 1999, February 4, 1997, August 12, 1999, January 24, 2000, January 25, 2000, February 22, 2000, Pages 1-32.	<input type="checkbox"/>
	5	Bluetooth, "Specification of the Bluetooth System, Profiles," December 1, 1999.	<input type="checkbox"/>
	6	Bluetooth, "Specification of the Bluetooth System, Profiles," December 1, 1999.	<input type="checkbox"/>
	7	J. SCHNEIDAWIND, "Big Blue Unveiling," USA Today, November 23, 1992, page 2B.	<input type="checkbox"/>

Receipt date: 03/02/2010

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

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

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EXAMINER SIGNATURE

Examiner Signature	/Erika Gary/ (04/12/2010)	Date Considered	04/12/2010
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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.

Receipt date: 03/02/2010

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

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Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

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PTO/SB/08a (07-09)

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

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

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

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

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U.S.PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS								
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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵

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

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

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

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	12015320
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	Art Unit	2617
	Examiner Name	Erika A. Gary
	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)	2010-03-16
Name/Print	Mark J. Rozman	Registration Number	42117

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

Electronic Acknowledgement Receipt

EFS ID:	7216132
Application Number:	12015320
International Application Number:	
Confirmation Number:	2156
Title of Invention:	Method for Managing Media
First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman/Stephanie Petreas
Filer Authorized By:	Mark J. Rozman
Attorney Docket Number:	AFF.0004C5US
Receipt Date:	16-MAR-2010
Filing Date:	16-JAN-2008
Time Stamp:	12:43:55
Application Type:	Utility under 35 USC 111(a)

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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)	AFF004C5USIDSVWAnswerand Counterclaim.pdf	85308 <small>1cf3628271d2eac5c5eeebf44da10f70e9ee d255</small>	no	3

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Warnings:					
Information:					
3	NPL Documents	AFF004C5USNPLDocVWamendedanswer.pdf	381748 <small>8cdfcddeb17e1ca7afdbdc2a8f77993766c9a42cf</small>	no	48
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Russell W. White, et al.	§	Conf. No.:	2156
		§		
Serial No.:	12/015,320	§	Examiner:	Erika A. Gary
		§		
Filed:	January 16, 2008	§	Group Art Unit:	2617
		§		
For:	Method For Managing Media	§	Atty. Dkt. No.:	AFF.004C5US

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

REPLY TO OFFICE ACTION MAILED NOVEMBER 12, 2009

Sir:

In response to the Office Action mailed November 12, 2009, please amend the above-referenced patent application as follows:

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

Remarks/Arguments begin on page 8 of this paper.

Date of Deposit: <u>March 12, 2010</u> I hereby certify under 37 CFR § 1.8 this correspondence is being deposited via EFS on the date indicated above. / <u>Kristine McNeil</u> / <p style="text-align: center;">Kristine McNeil</p>
--

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 – 38 (canceled)

Claim 39 (currently amended): An audio system comprising:

a portable device having a single physical interface configured to releasably engage a contacting portion of an interconnection system to form at least a portion of a communication path between the portable device and a separate electronic device, wherein the physical interface has a generally rectangular shape and is configured to couple a first conductive element of the interconnection system with a component of the portable device that outputs data and couple a second conductive element of the interconnection system with a recharging circuit of the portable device, wherein the portable device is configured to accept an over the air download of an application that allows the portable device to request an audio stream representing a local broadcast signal for a channel located remote from a then current location of the portable device;

the portable device having a wireless communication module operable to receive an incoming telephone call and the audio stream; and

the portable device having an audio output engine configured to output information representing a played audio file to the separate electronic device via the physical interface and to alter an outputting of the played audio file in connection with a receipt of the incoming telephone call and configured to output the audio stream.

Claim 40 (previously presented): The system of claim 39, further comprising an engine configured to communicate data from the portable device to the separate electronic device to allow the separate electronic device to present an icon on a display of the separate electronic device such that the icon: (a) is a soft button that is linked to a particular audio file saved at the portable device; (b) is selectable by a user via the separate electronic device; and (c) is configured to respond to a user selection by causing the separate electronic device to request the portable device to begin playing the particular audio file.

Claim 41 (previously presented): The system of claim 39, further comprising the interconnection system, wherein the interconnection system is operable to couple the portable device to a power supply of an automobile.

Claim 42 (previously presented): The system of claim 39, wherein the interconnection system further comprises an FM modulator.

Claim 43 (previously presented): The system of claim 39, further comprising the separate electronic device, wherein the separate electronic device wireless receiver.

Claim 44 (previously presented): The system of claim 43, further comprising a housing component of the portable device that at least partially defines an enclosure, wherein the wireless communication module and the audio output engine are secured within the enclosure.

Claim 45 (currently amended): The system of claim 39, wherein the portable device is configured to accept ~~an over the air download of an application that allows the portable device to request an audio stream representing a local broadcast signal for a channel located remote from a then current location of the portable device and~~ a different over the air download of a media, further wherein the media is selected from a group consisting of an audio file, a video file, a piece of software, a book, and a message.

Claim 46 (canceled)

Claim 47 (canceled)

Claim 48 (previously presented): The system of claim 39, further comprising a housing component of the portable device including a front surface comprising a display, wherein the display represents more than half of a total width of the front surface and more than half of a total length of the front surface.

Claim 49 (previously presented) The system of claim 39, the portable device comprising a front surface having a length and a width, wherein the length is longer than the width, and further wherein the physical interface is located on a lengthwise side of the portable device.

Claim 50 (currently amended): A wireless device comprising:
a single physical interface configured to releasably engage a contacting portion of an interconnection system to form at least a portion of a communication path between the wireless device and a separate electronic device, wherein the physical interface has a generally rectangular shape and is configured to couple a first conductive element of the interconnection system with a component of the wireless device that communicates data and couple a second conductive element of the interconnection system with a recharging circuit of the wireless device, wherein the wireless device includes an application stored thereon that allows the wireless device to request an audio stream representing a local broadcast signal for a channel located remote from a then current location of the wireless device;

a wireless communication module operable to receive an incoming telephone call and the audio stream; and

an audio output engine configured to output information representing a played audio file to the separate electronic device via the physical interface and to alter an outputting of the played audio file in connection with a receipt of the incoming telephone call, and configured to output the audio stream.

Claim 51 (previously presented): The wireless device of claim 50, further comprising an engine configured to communicate data from the wireless device to the separate electronic device to allow the separate electronic device to present an icon on a display of the separate electronic device such that the icon: (a) is a soft button that is linked to a particular audio file saved at the wireless device; (b) is selectable by a user via the separate electronic device; and (c) is configured to respond to a user selection by causing the separate electronic device to request the wireless device to begin playing the particular audio file.

Claim 52 (previously presented): The wireless device of claim 50, further comprising the interconnection system, wherein the interconnection system is operable to couple the wireless device to a power supply of another device.

Claim 53 (previously presented): The wireless device of claim 51, wherein the interconnection system further comprises an FM modulator.

Claim 54 (previously presented) The wireless device of claim 50, wherein the wireless device is configured in a housing having a front surface having a length and a width, wherein the length is longer than the width, and further wherein the physical interface is located on a lengthwise side of the housing.

Claim 55 (previously presented): The wireless device of claim 50, further comprising:
a housing component of the wireless device that at least partially defines an enclosure, wherein the wireless communication module and the audio output engine are secured within the enclosure;

a front surface of the wireless device that comprises a display, wherein the display represents more than half of a total width of the front surface and more than half of a total length of the front surface; and

an interface programming engine located within the enclosure and configured to allow a user to alter a displayed selectable icon.

Claim 56 (currently amended): The wireless device of claim 50, wherein the wireless device is configured to accept an over the air download of [[an]] the application ~~that allows the wireless device to request an audio stream representing a local broadcast signal for a channel located remote from a then current location of the wireless device~~ and a different over the air download of a media, further wherein the media is selected from a group consisting of an audio file, a video file, a piece of software, a book, and a message.

Claim 57 (previously presented): The wireless device of claim 50, wherein the wireless device comprises a generally rectangular housing having a display that substantially

predominates a face of the housing.

Claim 58 (currently amended): A method comprising:
receiving a streaming media signal in a portable wireless device corresponding to a regional broadcasting channel, responsive to a request for the regional broadcasting channel from the portable wireless device via a user selection of the regional broadcasting channel, wherein the portable wireless device is outside of a broadcast region of the regional broadcasting channel;
communicating information representing ~~a played audio file~~ the streaming media signal from ~~[[a]]~~ the portable wireless device to a separate electronic device coupled to the portable wireless device via a single physical interface of the portable wireless device configured to releasably engage a contacting portion of an interconnection system to form at least a portion of a communication path between the portable wireless device and the separate electronic device, the physical interface having a generally rectangular shape and to couple a first conductive element of the interconnection system with a component of the portable wireless device that communicates data and to couple a second conductive element of the interconnection system with a recharging circuit of the portable wireless device;
receiving an incoming telephone call in the portable wireless device; and
altering the communication representing the ~~played audio file~~ streaming media signal in connection with receipt of the incoming telephone call.

Claim 59 (previously presented): The method of claim 58, further comprising communicating data from the portable wireless device to the separate electronic device to allow the separate electronic device to present an icon on a display thereof such that the icon: (a) is a soft button that is linked to a particular audio file saved at the portable wireless device; (b) is selectable by a user via the separate electronic device; and (c) is configured to respond to a user selection by causing the separate electronic device to request the portable wireless device to begin playing the particular audio file.

Claim 60 (currently amended): The method of claim 58, further comprising receiving an over the air download of an application that allows the portable wireless device to request ~~an audio stream representing a local broadcast signal for a channel located remote from a~~

~~then current location of the portable wireless device~~ the streaming media signal.

Claim 61 (new): The method of claim 58, further comprising receiving an over the air download of a software update at the portable wireless device.

Claim 62 (new): The method of claim 61, wherein the software update is an update for an application that includes instructions for receiving the streaming media signal in the portable wireless device corresponding to the regional broadcasting channel.

Claim 63 (new): The method of claim 58, wherein the separate electronic device includes an in-band on-channel receiver, further comprising:

- receiving a collection of data via the in-band on-channel receiver;
- identifying a song for subsequent downloading; and
- receiving data representing the song.

Claim 64 (new): The method of claim 63, wherein the data representing the song is received by a computer of a user, further comprising:

- storing an audio file representing the song; and
- communicating a copy of the audio file to the portable wireless device.

Claim 65 (new): The system of claim 39, further comprising:

- a network based engine that maintains data comprising information associated with files that are executable by the portable device; and
- a communications engine that is operably associated with the network based engine and configured to facilitate a communication of data to the portable device.

REMARKS/ARGUMENTS

The pending claims stand rejected under 35 U.S.C. §103(a) over U.S. Patent No. 6,622,083 (Knockeart) in view of U.S. Patent No. 6,681,120 (Kim). Applicants respectfully traverse the rejection and respectfully request reconsideration of the claims.

Claim 39 has been amended to include subject matter from dependent claim 45 that a portable device be configured to accept an over the air download of an application that allows the portable device to request an audio stream representing a local broadcast signal for a channel located remote from a then current location of the portable device. Still further, claim 39 has been amended to recite that the wireless communication module be operable to receive this audio stream and that the audio output engine be configured to output this audio stream.

Written description support for these amendments to claim 39 (and similar amendments to independent claims 50 and 58) can be found in the specification as filed. While the identified specification portions provide exemplary support for the amended subject matter of the claims, it is noted that this identified specification support is not exhaustive and additional specification support for the claim amendments may be present. As to the subject matter of claim 39 regarding a single physical interface, support can be found, for example, in paragraphs 91-93 and FIG. 9. As to the subject matter of claim 39 regarding a local broadcast signal for a channel located remote from a portable device location, and an over the air download of an application for this operation, support can be found, for example, in paragraphs 26-28, 56-62, 83 and FIGS. 1 and 4. These passages provide similar support for the amendments made to independent claims 50 and 58.

The cited art including both Knockeart and Kim alone or in combination fail to teach or suggest at least this subject matter of claim 39.

Here, neither reference teaches an application that allows a portable device to request an audio stream representing a local broadcast signal for a remotely located channel. This is so, as neither reference anywhere teaches or suggests the ability of requesting an audio stream, and certainly not an audio stream that represents a local broadcast signal for a channel located remote from a then current location of the portable device.

The cited art also nowhere teaches the additional subject matter that a wireless

communication module be operable to receive an audio stream and that an audio output interface be configured to output this audio stream. Instead, Kim simply teaches that previously downloaded songs stored on a memory card can be played.

Still further, in combination with the primary reference Knockeart, there remains a failure of any teaching or suggestion of outputting of audio information to a separate electronic device. Here, the Office Action relies on the primary reference Knockeart for such teaching. However, Knockeart does not teach that information representing a played audio file be output to a separate electronic device. In general, Knockeart is directed to a system in which navigation or contact data of a PDA can be provided to an in-car system. Nonetheless, there is no teaching or suggestion of playing audio files in a portable device for output to a separate electronic device. In relevant part, the only portion of Knockeart cited by the Office Action is with regard to FIG. 7, which indicates that an on-board computer can be coupled to a voice output device that provides output in the form of prerecorded or synthesized spoken words and phrases. Knockeart, column 7, lines 63-67. However nowhere here nor anywhere else does Knockeart teach or suggest that such information be output from an audio output engine of a portable device. Instead, it appears that this discussion is solely with regard to information present in the on-board computer of Knockeart, and thus has nothing to do with the removable personal device of Knockeart.

Still further, it is noted that much of the information present in Knockeart, including FIG. 7 and its discussion in column 7 identified in the Office Action, is not prior art to the present application. That is, Knockeart has a filing date of June 1, 2000, which is later than the effective filing date of the present application (March 28, 2000). The provisional applications for which priority is claimed in Knockeart do not include this subject matter of FIG. 7. Instead, these provisional applications appear to be minimal portions of inventor notebooks, invention disclosures, and internal presentations, none of which include the subject matter of FIG. 7 described above. Accordingly, for this further reason, the rejection is overcome.

The rejection of claim 39 is further overcome, as the art alone or in combination fails to teach or suggest that a single physical interface having a generally rectangular shape be configured to couple a conductive element of an interconnection system with a recharging circuit of a portable device. Here the Office Action concedes that Knockeart fails to teach this subject

matter. Instead, reliance is on the secondary reference Kim. However, all that Kim teaches is that a cell phone can be powered by a rechargeable battery. Nevertheless, there is no teaching or suggestion that this rechargeable battery be recharged through a conductive element of an interconnection system coupled through a physical interface of the device that is generally rectangular and further couples to another conductive element of the interconnection system to output data. Instead the battery device of Kim is entirely separate from any other connections such as an ear phone jack and a computer jack. It should be noted for clarity's sake that the independent claims use the term "single physical interface" to indicate that one single interface location is capable of: (1) facilitating communication with a component of the portable device that outputs data; and (2) facilitating connection with a recharging circuit of the portable device. The term "single physical interface" does not mean that the portable device is limited to having only one interface. A portable device covered by the claims could have additional physical interfaces if a device designer so wishes. Independent claims 50 and 58 are patentable for at least similar reasons.

STATEMENT OF THE SUBSTANCE OF THE INTERVIEW

The undersigned and Applicants gratefully acknowledge and appreciate the Examiner's time and consideration extended during a telephonic interview which occurred on March 4, 2010. Taking part in the interview were Examiner Gary, Russell White, and the undersigned. While agreement was not explicitly reached, in light of the above amendments and remarks it is respectfully submitted that all pending claims are in condition for allowance.

Discussed during the interview were various topics, including claims in accordance with the above amendment, the sufficiency of written description support under § 112, the prior art, and IDS-type disclosure issues. Specifically, as to the amended claims, discussed was the § 112 support in the original specification and drawings for the subject matter of the claims, including the subject matter added by the above amendment. As requested by Examiner Gary, provided in the above remarks are exemplary indications of portions of the specification that support the subject matter added to the claims.

Regarding the prior art, the primary reference Knockeart was discussed, and more specifically that the provisional applications on which Knockeart claims priority do not fully provide written support for all of the subject matter identified in the Office Action. Since Knockeart itself has a filing date after the effective filing date of the present application, the rejection is overcome. In this regard, Applicants noted that this issue had been discussed with the Examiner panel in pending reexamination 90/010,333 regarding related U.S. Patent No. 7,324,833, and in that case the Examiner panel agreed in an interview that the provisional applications did not provide support for some of the subject matter of Knockeart identified by the Examiner in an Office Action.

Regarding IDS-type disclosure issues, discussed were pending litigations and reexaminations, and Information Disclosure Statements recently filed by Applicants. Generally, these Information Disclosure Statements include printed publications and patents including art identified in reexamination requests filed as to related patents, the reexamination requests themselves including claim charts, and a Markman ruling from a pending litigation. Applicants also indicated to the Examiner that a number of these reexamination requests have now been granted by the Patent Office, but no Office Actions have been mailed yet.

Regarding future disclosure materials, the Examiner indicated that she did not want to receive the grants of the reexamination requests. Applicants appreciate the Examiner's concern regarding the volume of disclosure materials, and Applicants will provide, going forward, additional prior art documents discovered, along with substantive non-discovery rulings of courts in litigations involving related patents, Office Actions, and Responses from reexaminations involving related patents and related applications. But, at the Examiner's request, papers filed by the parties with the courts in such litigations and papers granting reexamination will not be provided to the Examiner. Applicants discussed that during the prosecution of U.S. Patent No. 7,634,228, Examiner Gelin indicated that he did not want to receive papers from re-examinations and pending litigations other than substantive rulings of court and Office Actions/Responses. If Applicants have misunderstood the Examiner's wishes regarding disclosure materials, Applicants respectfully request the Examiner to address the same in the next paper.

In view of these remarks, the application is now 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 (AFF.004C5US).

Respectfully submitted,

Date: March 12, 2010

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

Electronic Patent Application Fee Transmittal

Application Number:	12015320			
Filing Date:	16-Jan-2008			
Title of Invention:	Method for Managing Media			
First Named Inventor/Applicant Name:	Russell W. White			
Filer:	Mark J. Rozman/Khristine McNeil			
Attorney Docket Number:	AFF.0004C5US			
Filed as Large Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 1 month with \$0 paid	1251	1	130	130

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

Electronic Acknowledgement Receipt

EFS ID:	7197218
Application Number:	12015320
International Application Number:	
Confirmation Number:	2156
Title of Invention:	Method for Managing Media
First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman/Khristine McNeil
Filer Authorized By:	Mark J. Rozman
Attorney Docket Number:	AFF.0004C5US
Receipt Date:	12-MAR-2010
Filing Date:	16-JAN-2008
Time Stamp:	12:22:12
Application Type:	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	10989
Deposit Account	201504
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1		AFF_004C5US_ROA_11-12-09.pdf	76146	yes	12
			d7b7a90834f1e4f196a2b09c7a6205fec6a81f06		
Multipart Description/PDF files in .zip description					
		Document Description	Start	End	
		Amendment/Req. Reconsideration-After Non-Final Reject	1	1	
		Claims	2	7	
		Applicant Arguments/Remarks Made in an Amendment	8	12	
Warnings:					
Information:					
2	Fee Worksheet (PTO-875)	fee-info.pdf	30161	no	2
			14ff189b5a428ce21beb6050dd869c6d544d1031		
Warnings:					
Information:					
Total Files Size (in bytes):			106307		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

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

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875					Application or Docket Number 12/015,320		Filing Date 01/16/2008		<input type="checkbox"/> To be Mailed			
APPLICATION AS FILED – PART I												
(Column 1)			(Column 2)			SMALL ENTITY <input checked="" type="checkbox"/> OR			OTHER THAN SMALL ENTITY			
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 \$ =		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).										
<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.												
APPLICATION AS AMENDED – PART II												
(Column 1)			(Column 2)		(Column 3)			SMALL ENTITY OR			OTHER THAN SMALL ENTITY	
AMENDMENT	03/12/2010	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR		RATE (\$)	ADDITIONAL FEE (\$)	
	Total <small>(37 CFR 1.16(o))</small>	* 25	Minus	** 25	= 0	X \$26 =	0			X \$ =		
	Independent <small>(37 CFR 1.16(h))</small>	* 3	Minus	***3	= 0	X \$110 =	0	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>											
						TOTAL ADD'L FEE	0	OR		TOTAL ADD'L FEE		
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(o))</small>	*	Minus	**	=	X \$ =				X \$ =		
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus	***	=	X \$ =		X \$ =				
	<input type="checkbox"/> Application Size Fee <small>(37 CFR 1.16(s))</small>											
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>											
						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: /JERMAINE D. MINOR/												

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.

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

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

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

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

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	4807292		1989-02-21	Sorscher	
	2	6975835		2005-12-13	Lake, et al.	
	3	6956833		2005-10-18	Yukie, et al.	
	4	6915272		2005-07-05	Zilliacus	
	5	6907112		2005-06-14	Guedalia, et al.	
	6	6792615		2004-09-14	Rowe, et al.	
	7	6792263		2004-09-14	Kite	
	8	6788528		2004-09-07	Enners, 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 White, et al.		
	Art Unit	2617		
	Examiner Name	Erika A. Gary		
	Attorney Docket Number	AFF.004C5US		

	9	6772212		2004-08-03	Lau, et al.	
	10	6741980		2004-05-25	Langseth, et al.	
	11	6721710		2004-04-13	Lueck	
	12	6671715		2003-12-30	Langseth, et al.	
	13	6591085		2003-07-08	Grady	
	14	6587835		2003-07-01	Treyz, et al.	
	15	6516466		2003-02-04	Jackson	
	16	6510210		2003-01-21	Baughan	
	17	6509716		2003-01-21	Yi	
	18	6496692		2002-12-17	Shanahan	
	19	6496205		2002-12-17	White, 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 White, et al.
Art Unit	2617
Examiner Name	Erika A. Gary
Attorney Docket Number	AFF.004C5US

20	6420975		2002-07-16	DeLine, et al.	
21	6418138		2002-07-09	Cerf, et al.	
22	6401085		2002-06-04	Gershman, et al.	
23	6396769		2002-05-28	Polany	
24	6339706		2002-01-15	Tillgren, et al.	
25	6314094		2001-11-06	Boys	
26	6292440		2001-09-18	Lee	
27	6247130		2001-06-12	Fritsch	
28	6240297		2001-05-29	Jadoul	
29	6236832		2001-05-22	Ito	
30	6232539		2001-05-15	Looney, et al.	

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

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

31	6199076		2001-03-06	Logan, et al.	
32	6167253		2000-12-26	Farris, et al.	
33	6144848		2000-11-07	Walsh, et al.	
34	6088730		2000-07-11	Kato, et al.	
35	6061306		2000-05-09	Buchheim	
36	6029064		2000-02-22	Farris, et al.	
37	6014569		2000-01-11	Bottum	
38	5953657		1999-09-14	Ghisler	
39	5953005		1999-09-14	Liu	
40	5940767		1999-08-17	Bourgeois, et al.	
41	5900564		1999-05-04	Kurakake	

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

	42	5870680		1999-02-09	Guerlin, et al.	
	43	5774793		1998-06-30	Cooper, et al.	
	44	5694120		1997-12-02	Indekeu, et al.	
	45	5594779		1997-01-14	Goodman	

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

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20050010633		2005-01-03	Shanahan	
	2	20040078274		2004-04-22	Aamio	
	3	20030008646		2003-01-09	Shanahan	
	4	20020046084		2002-04-18	Steele, et al.	
	5	20020023028		2002-02-01	Quarendon	

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

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

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

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 ⁵
	1		<input type="checkbox"/>

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EXAMINER SIGNATURE			
Examiner Signature			Date Considered

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

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

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

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

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

None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Mark J. Rozman/	Date (YYYY-MM-DD)	2010-03-02
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 Patent Application Fee Transmittal

Application Number:	12015320				
Filing Date:	16-Jan-2008				
Title of Invention:	Method for Managing Media				
First Named Inventor/Applicant Name:	Russell W. White				
Filer:	Mark J. Rozman/Stephanie Petreas				
Attorney Docket Number:	AFF.0004C5US				
Filed as Large Entity					
Utility under 35 USC 111(a) Filing Fees					
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)	
Basic Filing:					
Pages:					
Claims:					
Miscellaneous-Filing:					
Petition:					
Patent-Appeals-and-Interference:					
Post-Allowance-and-Post-Issuance:					
Extension-of-Time:					

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				180

Electronic Acknowledgement Receipt

EFS ID:	7119493
Application Number:	12015320
International Application Number:	
Confirmation Number:	2156
Title of Invention:	Method for Managing Media
First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman/Stephanie Petreas
Filer Authorized By:	Mark J. Rozman
Attorney Docket Number:	AFF.0004C5US
Receipt Date:	02-MAR-2010
Filing Date:	16-JAN-2008
Time Stamp:	11:18:39
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	10046
Deposit Account	201504
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	AFF004C5USIDS1.pdf	142059	no	7
			9720b70b1feb42b7ee74be399f0e669abd50e120		
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
2	Fee Worksheet (PTO-875)	fee-info.pdf	30162	no	2
			a70b106019dd86e5021dc65c447176bbdbb52aa6		
Warnings:					
Information:					
Total Files Size (in bytes):			172221		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

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

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

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

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code†	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5587560		1996-12-24	Crooks, et al.	
	2	5589090		1996-12-17	Otte	
	3	5450471		1995-09-12	Hanawa, et al.	
	4	6571282		2003-05-27	Bowman-Amuah	
	5	6550057		2003-04-15	Bowman-Amuah	
	6	6549949		2003-04-15	Bowman-Amuah	
	7	6539396		2003-03-25	Bowman-Amuah	
	8	6529948		2003-03-04	Bowman-Amuah	

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

	9	6529909		2003-03-04	Bowman-Amuah	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	12015320
	Filing Date	2008-01-16
	First Named Inventor	Russell White, et al.
	Art Unit	2617
	Examiner Name	Erika A. Gary
	Attorney Docket Number	AFF.004C5US

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

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	Attorney Docket Number	AFF.004C5US		

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U.S.PATENT APPLICATION PUBLICATIONS

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	Art Unit		2617	
	Examiner Name		Erika A. Gary	
	Attorney Docket Number		AFF.004C5US	

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	1		<input type="checkbox"/>

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

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	First Named Inventor	Russell White, et al.
	Art Unit	2617
	Examiner Name	Erika A. Gary
	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)	2010-03-02
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 Patent Application Fee Transmittal

Application Number:	12015320			
Filing Date:	16-Jan-2008			
Title of Invention:	Method for Managing Media			
First Named Inventor/Applicant Name:	Russell W. White			
Filer:	Mark J. Rozman/Stephanie Petreas			
Attorney Docket Number:	AFF.0004C5US			
Filed as Large Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				180

Electronic Acknowledgement Receipt

EFS ID:	7119513
Application Number:	12015320
International Application Number:	
Confirmation Number:	2156
Title of Invention:	Method for Managing Media
First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman/Stephanie Petreas
Filer Authorized By:	Mark J. Rozman
Attorney Docket Number:	AFF.0004C5US
Receipt Date:	02-MAR-2010
Filing Date:	16-JAN-2008
Time Stamp:	11:20:36
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	10071
Deposit Account	201504
Authorized User	

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File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	AFF004C5USIDS2.pdf	145855	no	7
			ba946c8275a0592d42f2de793b0ea3ab8319033		
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
2	Fee Worksheet (PTO-875)	fee-info.pdf	30162	no	2
			96b28f293a89841b101598c62c1b2c5f47c74620		
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Total Files Size (in bytes):			176017		
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Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (07-09)

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	First Named Inventor	Russell White, et al.	
	Art Unit	2617	
	Examiner Name	Erika A. Gary	
	Attorney Docket Number	AFF.004C5US	

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

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First Named Inventor	Russell White, et al.	
Art Unit	2617	
Examiner Name	Erika A. Gary	
Attorney Docket Number	AFF.004C5US	

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10	6510210		2003-01-21	Baughan	
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	Art Unit	2617		
	Examiner Name	Erika A. Gary		
	Attorney Docket Number	AFF.004C5US		

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	Attorney Docket Number		AFF.004C5US		

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	1	H08-79814	JP		1996-03-22	Konishi		<input type="checkbox"/>

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	1	AFFINITY LABS OF TEXAS, LLC (Plaintiff) v. BMW NORTH AMERICA, LLC, ET AL. (Defendants), Civil Action No. 9:08CV164 and AFFINITY LABS OF TEXAS, LLC (Plaintiff) v. ALPINE ELECTRONICS OF AMERICA, INC., ET AL., Civil Action No. 9:08CV171, "Order Construing Claim Terms of United States Patent No. 7,324,833, issued on December 18, 2009, Pages 1-31.	<input type="checkbox"/>
	2	REAL NETWORKS, Inc., RealJukebox Plus Manual, 1999, Pages 1-90.	<input type="checkbox"/>

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

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None

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Signature	/Mark J. Rozman/	Date (YYYY-MM-DD)	2010-03-02
Name/Print	Mark J. Rozman	Registration Number	42117

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Tel: 212-695-9275 Fax: 212-656-1713 www.ohashi-ht.com

TRANSLATION CERTIFICATE

I, Takeo Ohashi, President, Ohashi High Technology Corp., the Empire State Building, 350 Fifth Avenue, Suite 3304 #97, New York, NY 10118-0069, hereby declare that I have competent knowledge of the Japanese and English languages, and that I have reviewed the accompanying English translation of Laid-Open Japanese Patent Application Publication No. H08-79814. I certify that the translation is an accurate representation of Laid-Open Japanese Patent Application Publication No. H08-79814.

I declare under penalty of perjury that the foregoing is true and correct.
Executed on May 22, 2009.

CERTIFIED by the said Takeo Ohashi.

at 350 Fifth Avenue, Suite 3304 #97, New York, NY 10118
this 22nd day of May, 2009.

A handwritten signature in cursive script that reads "Takeo Ohashi". The signature is written in dark ink and is positioned above a horizontal line.

Takeo Ohashi
President

(12) Laid Open Patent Application Publication (A)

(11) Laid Open Patent Application Number

H08-79814

(43) Date Published March 22, 1996

(51) Int. Cl. ⁶	Classification Symbols	Internal Ref. No.	FI	Basis for Classification
H04Q 7/14				
B60R 11/02	T	7146-3D	H04B 7/26	103 C 103 F
Examination Request: Not Requested				Number of Claims: 5 FD (Total of 11 pages)

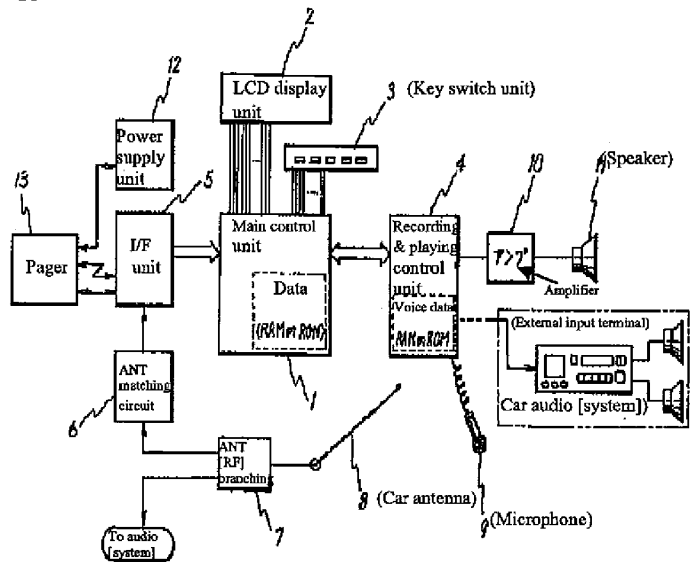
(21) Patent Application Number	H06-230542	(71) Applicant	000002082
(22) Date Filed	August 31, 1994		Suzuki Motor Corporation
			300 Takatsuka-cho, Hamamatsu-shi, Shizuoka-ken
		(72) Inventor	Yasuyuki Konishi
			c/o Suzuki Motor Corporation
			300 Takatsuka-cho, Hamamatsu-shi, Shizuoka-ken
		(74) Agent	Benrishi [Japanese Patent Agent] Isamu Takahashi

(54) [Title of Invention] Calling Signal Receiving Apparatus for Use in Vehicles

(57) [Abstract]

[Purpose] To display to a driver and others a receipt of a call and contents of its message without fail, even while [he/she] is driving.

[Constitution] [The present invention is] equipped with a beeper 13 which serves as a portable receiver for receiving calling signals; an I/F unit 5 to which the beeper 13 is attached and which controls the data input and output with said beeper 13; and a car antenna 8 for acquiring calling signals and transmitting them to the beeper 13. Moreover, [the present invention is] equipped with a control unit (main control unit) 1 which, based on the calling signals from the I/F unit 5, edits and outputs display data corresponding to said calling signals; as well as an LCD display unit 2 for displaying the display data such as received messages and received codes.



(2)

[What is Claimed is:]

[Claim 1] A calling signal receiving apparatus for use in vehicles, wherein the apparatus is equipped with a portable receiver for receiving calling signals; an I/F unit to which this portable receiver is attached and which controls the data input and output with said portable receiver; and a car antenna for acquiring the aforementioned calling signals and transmitting them to the aforementioned portable receiver.

[Claim 2] A calling signal receiving apparatus for use in vehicles, wherein the apparatus is equipped with a portable receiver for receiving calling signals; an I/F unit to which this portable receiver is attached and which controls the data input and output with said portable receiver; a control unit which, based on the aforementioned calling signals from this I/F unit, edits and outputs display data corresponding to said calling signals; and an LCD display unit for displaying the aforementioned display data such as received messages and received codes.

[Claim 3] A calling signal receiving apparatus for use in vehicles, wherein the apparatus is equipped with a portable receiver for receiving calling signals; an I/F unit to which this portable receiver is attached and which controls the data input and output with said portable receiver; a car antenna for acquiring the aforementioned calling signals and transmitting them to the aforementioned portable receiver; a control unit which, based on the aforementioned calling signals from the aforementioned I/F unit, edits and outputs display data corresponding to said calling signals; and an LCD display unit for displaying the aforementioned display data such as received messages and received codes.

[Claim 4] The calling signal receiving apparatus for use in vehicles set forth in Claim 2 or 3, wherein the aforementioned control unit is equipped with a voice signal display function which, based on the aforementioned calling signals, outputs voice data corresponding to said calling signals; and in addition to the aforementioned LCD display unit, there provided is a speaker for generating [voice from] said voice signals.

[Claim 5] The calling signal receiving apparatus for use in vehicles set forth in Claim 2 or 3, wherein the aforementioned control unit is provided with a received[-data] buffer for storing the display data and the time of receipt; as well as a key switch unit for receiving display selection commands for display data stored in this received[-data] buffer; and the aforementioned control unit is equipped with a display data selection function for, based on the commands from this key switch unit, searching the aforementioned received[-data] buffer for display data corresponding to said commands and outputting the display data for display on the aforementioned LCD display unit.

[Detailed Explanation of the Inventions]

[0001]

[Field of Industrial Application] The present inventions pertain to a calling signal receiving apparatus for use in vehicles, and specifically to a calling signal receiving apparatus for use in vehicles suitable to give notice of paging information without fail.

[0002]

[Prior Art] In recent years, the use of portable receivers employing telephones (pagers: generally called beepers) have been widely employed [sic].

[0003] As illustrated in Figure 9, portable receivers can be roughly classified into three types.

[0004] (1) Call-receiving-only type

[0005] Receipt of a call is notified by means such as a beeping sound or vibration. [A user] cannot know the contents of a message.

[0006] (2) Number display type

[0007] Numbers which have been input via telephone are displayed on a display unit. By giving meaning to the numbers beforehand, a message may be communicated.

[0008] (3) Fixed phrase display type

[0009] With the number which has been input via telephone, predetermined texts are shown on a display unit and thereby a message may be communicated.

[0010] Moreover, the shape can take that of a card, a pen, etc.

[0011]

[Issues to Be Resolved By the Inventions] In the conventional examples mentioned above, however, there has been an inconvenience in that the reception becomes poorer while [a user is] inside a vehicle because portable receivers employ a built-in antenna.

[0012] Moreover, there has been a problem in that small display units of portable receivers make it difficult to recognize the displayed contents while [the user is] driving.

[0013] Further, there has been a problem in that because receipt of a call is notified by way of a beeping sound or vibration, recognizing receipt of a call while [a user is] inside a vehicle is difficult due to noise and vibration.

[0014] In addition, there has been a problem in that because received messages cannot be saved, the contents of a received call cannot be checked when [he/she] cannot keep his/her eyes off something, such as while [he/she is] driving.

[0015]

[Purpose of the Inventions] The purpose of the present inventions is to make improvements with respect to such inconveniences associated with conventional examples, and specifically to provide a calling signal receiving apparatus for use in vehicles with which a driver and others can recognize receipt of a call as well as the contents of its message without fail even while they are inside a vehicle.

[0016]

[Means to Resolve the Issues] Accordingly, the present invention is constituted in such a way that [a calling signal receiving apparatus for use in vehicles] is equipped with, as a first means, a portable receiver for receiving calling signals; an I/F unit to which this portable receiver is attached and which controls the data input and output with said portable receiver; and a car antenna for acquiring calling signals and transmitting them to the portable receiver.

[0017] Moreover, [the present invention] is constituted in such a way that [a calling signal receiving apparatus for use in vehicles] is equipped with, as a second means, a portable receiver for receiving calling signals; an I/F unit to which this portable receiver is attached and which controls the data input and output with said portable receiver; a control unit which, based on the calling signals from this I/F unit, edits and outputs display data corresponding to said calling signals; and an LCD display unit for displaying the display data such as received messages and received codes.

[0018] Further, [the present invention] is constituted in such a way that [a calling signal receiving apparatus for use in vehicles] is equipped with, as a third means, a portable receiver for receiving calling signals; an I/F unit to which this portable receiver is attached and which controls the data input and output with said portable receiver;

(3)

a car antenna for acquiring calling signals and transmitting them to the portable receiver; a control unit which, based on the calling signals from the I/F unit, edits and outputs display data corresponding to said calling signals; and an LCD display unit for displaying the display data such as received messages and received codes.

[0019] Here, it is desirable in the third means to have a constitution such that the control unit is equipped with a voice signal display function which, based on calling signals, outputs voice data corresponding to said calling signals; and in addition to the LCD display unit, there provided is a speaker for generating [voice from] said voice signals.

[0020] Further, it is desirable in the third means to have a constitution such that the control unit is provided with a received[-data] buffer for storing the display data and the time of receipt; as well as a key switch unit for receiving display selection commands for display data stored in this received[-data] buffer; and the control unit is equipped with a display data selection function for, based on the commands from this key switch unit, searching the received[-data] buffer for display data corresponding to said commands and outputting the display data for display on the LCD display unit.

[0021] The present inventions intend to, by way of these first through third means which share the same field of industrial application as well as the issues that they attempt to resolve, resolve the issues described above and thereby achieve the purpose described before.

[0022]

[Operation] When a portable receiver receives a calling signal via a car antenna, it outputs received data.

[0023] A control unit separates the data received via an I/F unit into codes and a message. Then, it converts the codes into display data and displays the data along with the message on an LCD display unit.

[0024] Moreover, the control unit converts the codes into voice data and instructs a recording and playing control unit to generate voice.

[0025] This way, a driver can recognize calling signals and messages without fail even while [its user is] driving.

[0026]

[Embodiment of the Inventions] Herein below, one example of the present inventions will be explained based on Figures 1 through 8. Figure 1 is a block diagram which shows the constitution of the present example. A calling signal receiving apparatus for use in vehicles is equipped with a beeper 13 which serves as a portable receiver for receiving calling signals; an I/F unit 5 to which the beeper 13 is attached and which controls the data input and output with said beeper 13; and a car antenna 8 for acquiring calling signals and transmitting them to the beeper 13. Connected in between the car antenna 8 and the I/F unit 5 are an ANT matching circuit 6 which matches [the impedances of] a built-in antenna of the portable receiver 13 and the car antenna 8; and an ANT [RF] branching unit 7 by which the input from the car antenna 8 is branched from [sic] a car audio [system] and is output to the ANT matching circuit 6.

[0027] On the other hand, in addition to the I/F unit 5, there provided are a control unit (main control unit) 1 which, based on calling signals from the I/F unit 5, edits and outputs display data corresponding to said calling signals; as well as an LCD display unit 2 for displaying the display data such as received messages and received codes.

[0028] Further, the main control unit 1 is equipped with a voice signal display function which, based on calling signals, outputs voice data corresponding to said calling signals. In the present example, the main control unit 1 controls a recording and playing control unit 4 provided therewith, in which voice data are stored, and thereby achieves said voice signal display function.

Furthermore, in addition to the LCD display unit 2, there provided is a speaker 11 generating [voice from] said voice signals.

Connected in between the speaker 11 and the main control unit 1 are the recording and playing control unit 4 and an amplifier 10 for amplifying the voice signals from this recording and playing control unit 4. Moreover, the recording and playing control unit 4 is provided with a microphone 9 for inputting the voice data into the recording and playing control unit 4.

[0029] Moreover, the main control unit 1 is provided with a received[-data] buffer for storing the display data and the time of receipt, as well as a key switch unit 3 for receiving display selection commands for display data stored in this received[-data] buffer. Furthermore, the main control unit 1 is equipped with a display data selection function for, based on the commands from this key switch unit 3, searching the received[-data] buffer for display data corresponding to said commands and outputting the display data to and displaying the data on the LCD display unit 2. The received[-data] buffer is realized, in the present example, by allocating a portion of the RAM that the main control unit 1 has.

[0030] Further, in the present example, [the apparatus] is equipped with a power supply unit 12 for supplying power to the portable receiver 13.

[0031] The main control unit 1 is equipped with a ROM, and stored in this ROM are the micro programs to operate the CPU of the main control unit 1, and tables of registered codes and display data.

[0032] In the table of registered codes, as illustrated in Figure 2 (1), voice data pointers and display data pointers corresponding to received data are stored.

[0033] In the table of display data, as illustrated in Figure 2 (2), various types of display data are stored. Display data pointers indicate the initial addresses of the display data stored in the table of display data.

[0034] Stored in the RAM are, as illustrated in Figure 2 (4), received data and the time of receipt of said received data.

[0035] The recording and playing control unit 4 is equipped with a ROM and a RAM.

[0036] In the ROM, as illustrated in Figure 2 (3), voice data are stored.

[0037] In the RAM, the voice data which have been input via the microphone 9 are stored.

(4)

[0038] The voice data pointer shows the initial address (or voice number) of the voice data stored in the ROM or RAM of the recording and playing control unit 4.

[0039] The first concrete example of the present inventions is illustrated in Figure 3. Here, a card-shaped portable receiver is used, and the speaker on the cassette deck is used as the speaker 11.

[0040] The second concrete example of the present inventions is illustrated in Figure 4. Here, a pen-shaped portable receiver is used.

[0041] As illustrated in Figure 8, the portable receiver 13 is equipped with a built-in antenna for receiving calling signals, a RF AMP unit for amplifying received signals from the built-in antenna, a MiX unit for mixing signals from the RF AMP unit with prescribed frequency signals, an IF amplifier and detector unit for amplifying and detecting signals from the MiX unit, a demodulator unit for demodulating signals from the IF amplifier and detector unit, and a CPU for outputting signals from the demodulator unit to the exterior.

[0042] Moreover, the built-in antenna and the external antenna can be switched.

[0043] Next, the operations of the present inventions will be explained using the flowcharts in Figures 5 through 6.

[0044] (I). Processing of Data Reception

[0045] (1). The main control unit 1 checks with the I/F unit 5 whether the portable receiver 13 has received a calling signal (step S1 of Figure 5).

[0046] (1)-1. If there is no receipt, the main control unit 1 waits, doing nothing, until there is receipt.

[0047] (1)-2. If there is receipt, the main control unit 1 reads out the message from the portable receiver 13 via the I/F unit 5 (step S2 of Figure 5).

[0048] (2). The main control unit 1 checks whether the received message is the same as a previously received message (step S3 of Figure 5).

[0049] (2)-1. If the received message is the same as a previously received message, the main control unit 1 does nothing and returns to the abovementioned process (1) (step S1 of Figure 5).

[0050] (2)-2. If the received message is not the same as the previously received message, the main control unit 1 reads the current time (step S4 of Figure 5).

[0051] (3). The main control unit 1 stores the received message and time of receipt in the received[-data] buffer (the RAM of the main control unit 1), as illustrated in (4) of Figure 2 (step S5 of Figure 5).

[0052] (4). The main control unit 1 extracts a code from the received message, and using said code as a keyword, searches the table of registered codes (step S6 of Figure 5).

[0053] (5). The main control unit 1 checks whether there is a code that coincides with the keyword (step S7 of Figure 5).

[0054] (5)-1. If there is a coinciding code, the main control unit 1 reads out the voice data pointer and display data pointer for said code from the table of registered codes.

[0055] Then, the main control unit 1 instructs the recording and playing control unit 4 to play the voice data (step S8 of Figure 5) specified by the voice data pointer.

[0056] Moreover, as illustrated in Figure 7, [the main control unit 1] picks up the display data specified by the display data pointer from the table of display data, and displays it along with the message other than the code on the LCD display unit 2 (step S9 of Figure 5).

[0057] For example, in the case that the message "#00#, 440-1234" is received, [the main control unit 1] would search the table of registered codes with the code "#00#" as a keyword, obtain the voice data pointer and display data pointer corresponding to said code, and both instruct the recording and playing control unit 4 to output the voice data specified by said voice data pointer (in the example in Figure 2, "Please contact immediately"), as well as display the display data from the table of display data as specified by said data pointer (in the example in Figure 2, "Call," and "440-1234") on the LCD display unit 2.

[0058] At this point, if the output of the recording and playing control unit 4 is connected to the external input terminal of the car audio system, a voice message can be heard even if the call comes in while [a user] is listening to music.

[0059] (5)-2. If there is no matching code, the main control unit 1 outputs a beeping sound (step S10 of Figure 5) as well as displays the received data as is on the LCD display unit 2 (step S11 of Figure 5).

[0060] (II). Processing of Display of Received Data

[0061] (1). The main control unit 1 executes a key-scanning process in order to determine the presence or absence of a key input from the key switch unit 3 (step S1 of Figure 6).

[0062] (2). The main control unit 1 checks whether an arrow key has been pressed (step S2 of Figure 6).

[0063] (2)-1. If the "up arrow" key has been pressed, the main control unit 1 checks whether the data currently displayed are the most recent, using the received-data buffer as its reference (step S3 of Figure 6).

[0064] If the data currently displayed are not the most recent data, main control unit 1 reads the data received immediately following the data currently displayed from the received-data buffer and extracts the code from those received data.

[0065] Next, [the main control unit 1] uses the code as a keyword and searches the table of registered codes and, on the basis of the display data pointer obtained, reads the display data (for example, "Call")

(5)

from the table of display data, and displays it on the LCD display unit 2 along with any message (for example, "440-1234") contained in the received data (step S5 of Figure 6). Next, [main control unit 1] proceeds to the process described in (3).

[0066] If the most recent data are already displayed, the main control unit 1 proceeds to the process described in (3) without making changes to the displayed content.

[0067] (2)-2. If the "down arrow" key has been pressed, the main control unit 1 checks whether the data currently displayed are the oldest, using the received-data buffer as its reference (step S4 of Figure 6).

[0068] If they are not the oldest data, the main control unit 1 reads from the buffer the data received immediately before the data currently displayed, as illustrated in Figure 7, and extracts a code from those data.

[0069] Next, [the main control unit 1] uses the code as a keyword and searches the table of registered codes and, on the basis of the display data pointer obtained, reads the display data (for example, "Call") from the table of display data, and displays it on the LCD display unit 2 along with any message (for example, "440-1234") contained in the received data (step S5 of Figure 6). Next, [the main control unit 1] proceeds to the process described in (3).

[0070] If the oldest data are already displayed, the main control unit 1 proceeds to the process described in (3) without making changes to the displayed content.

[0071] (2)-3. If any key besides the "up arrow" key or "down arrow" key has been pressed, the main control unit 1 proceeds to the process described in (4).

[0072] (3). The main control unit 1 resets the timer to 0 (step S6 of Figure 6).

[0073] (4). The main control unit 1 checks whether the designated period of time has elapsed (step S7 of Figure 6).

[0074] (4)-1. If the designated period of time has elapsed, the main control unit 1, using the received-data buffer as its reference, displays on the LCD display unit 2 the most recent display data, requested from both the table of registered codes and the table of received data in the aforementioned fashion, and any message contained in the received data (step S8 of Figure 6).

[0075] (4)-2. If the designated period of time has not elapsed, the main control unit 1 terminates processing without taking any action.

[0076] It is also possible for the aforementioned processing of data reception and processing of display of received data to be executed [as] an interruption.

[0077] As described above, according to the present example, if a call is received, notification can be delivered by voice concurrently with display of the content received and the time of receipt in large type on the display device installed in the vehicle; and for that reason, it is capable of recognizing receipt of a call content reliably.

[0078] Additionally, if [the apparatus] is utilized outside the vehicle, the portable receiver unit alone may be detached and used as a standard portable receiver; thus, there is no requirement for a new agreement.

[0079] Furthermore, because the antenna and power supply with which the vehicle is equipped can be used, there is no risk of poor reception or power interruption.

[0080] Additionally, because received data can be recorded, it is possible to access content received even if one is not in the vehicle at the time of receipt. Furthermore, because correspondence between received codes and their meanings can be freely assigned, it is not possible for that content to be understood by a third party even in the case of eavesdropping. That is to say, it provides superior privacy.

[0081]

[Advantages of the Inventions] The present inventions are constituted and function in such a fashion as described above.

Therefore, in the present invention set forth in Claim 1, a portable receiver is attached to an I/F unit and the I/F unit controls the data input and output with said portable receiver, and hence a car antenna can acquire calling signals and transmit them to the portable receiver. As a result, deterioration of the [signal] reception inside a vehicle may be affectively prevented. For this reason, a driver and others may use portable receivers effectively even while they are inside a vehicle. In this way, [the present invention] can provide a non-conventional and excellent calling signal receiving apparatus for use in vehicles which enables a driver and others to recognize [receipt of] a call and contents of its message without fail, even while they are inside a vehicle.

[0082] In the present invention set forth in Claim 2, a portable receiver is attached to an I/F unit and the I/F unit controls the data input and output with said portable receiver, and a control unit edits and outputs, based on calling signals from this I/F unit, display data corresponding to said calling signals, and display them on an LCD display unit. Therefore, a driver and others may, while they are inside a vehicle, check the contents received by a portable receiver not on a small display unit of the portable receiver, but rather on a large LCD display unit. In this way, [the present invention] can provide a non-conventional and excellent calling signal receiving apparatus for use in vehicles which enables a driver and others to recognize [receipt of] a call and contents of its message without fail, even while they are inside a vehicle.

[Brief Explanation of Figures]

[Figure 1] Figure 1 is a diagram of constitution illustrating one example of the present inventions.

[Figure 2] Figure 2 is an explanatory [sic] diagram for explaining the data stored in the ROM and RAM in Figure 1.

[Figure 3] Figure 3 is a schematic drawing illustrating the first concrete example of the present inventions.

[Figure 4] Figure 4 is a schematic drawing illustrating the second concrete example of the present inventions.

[Figure 5] Figure 5 is a flow chart for explaining the operations of data reception processing in the present inventions.

[Figure 6] Figure 6 is a flow chart for explaining the operations of data display processing in the present inventions.

[Figure 7] Figure 7 is an explanatory diagram for explaining the data display processing in the present inventions.

[Figure 8] Figure 8 is a diagram of constitution illustrating one example of portable receivers.

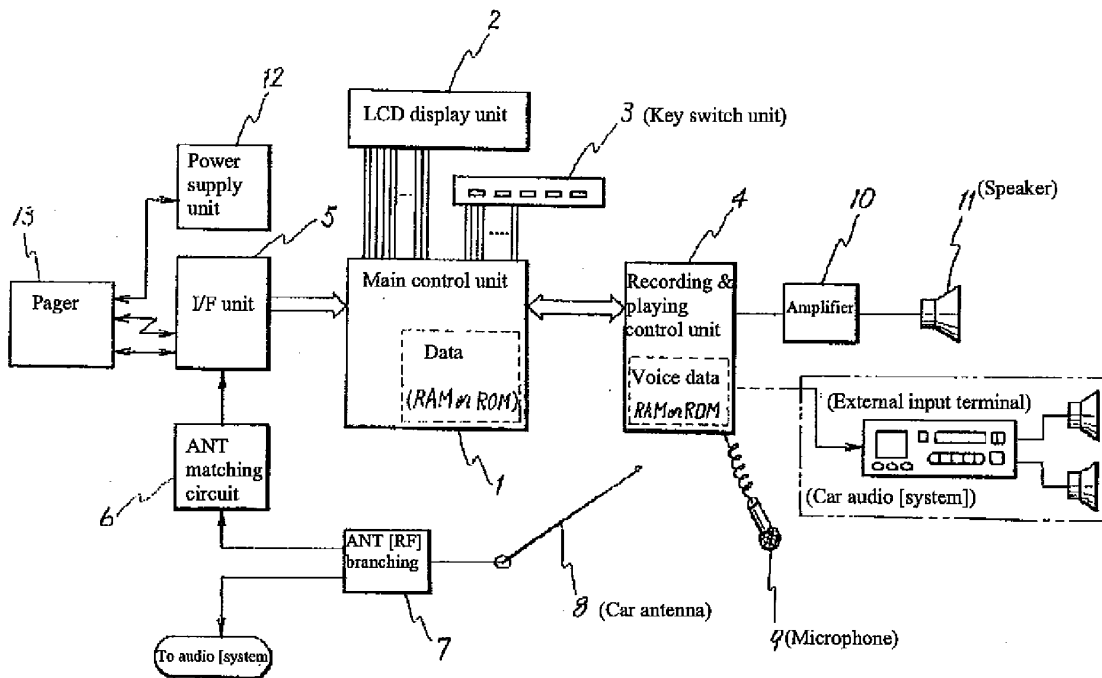
[Figure 9] Figure 9 is a diagram of constitution illustrating product types of commercially available portable receivers.

[Explanation of Numeral Designators]

(6)

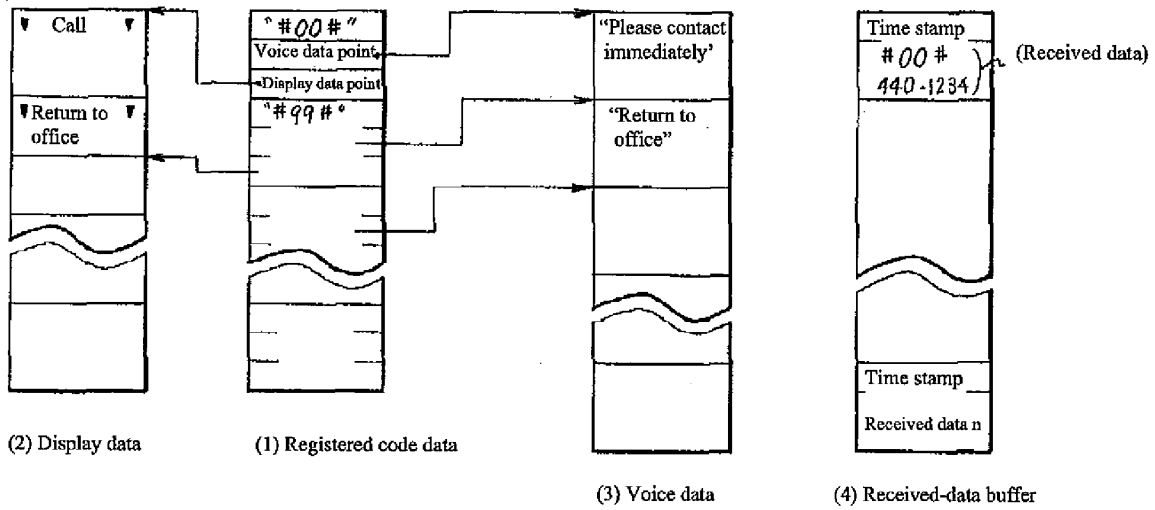
- | | | | |
|---|------------------------------------|----|-------------------|
| 1 | Main control unit (control unit) | 8 | Car antenna |
| 2 | Display unit (LCD) | 9 | Microphone |
| 3 | Key switch unit | 10 | Amplifier |
| 4 | Recording and playing control unit | 11 | Speaker |
| 5 | I/F unit | 12 | Power supply unit |
| 6 | ANT matching circuit | 13 | Portable receiver |
| 7 | ANT [RF] branching unit | | |

[Figure 1]



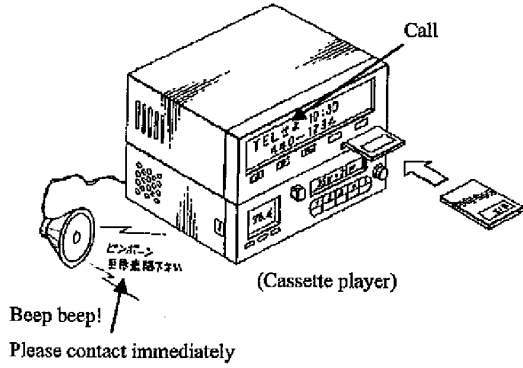
(7)

[Figure 2]

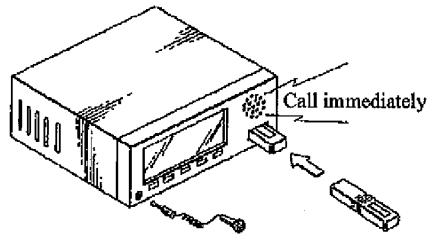


(8)

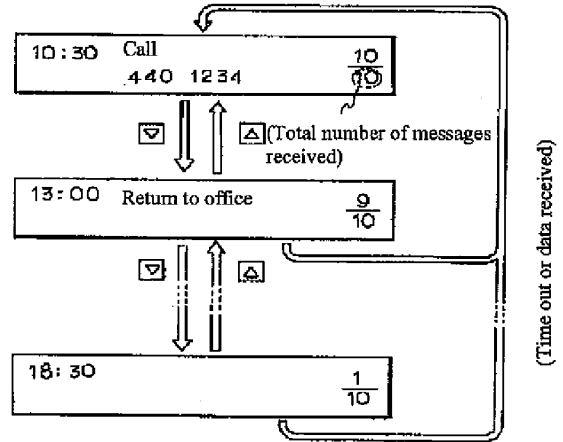
[Figure 3]



[Figure 4]



[Figure 7]

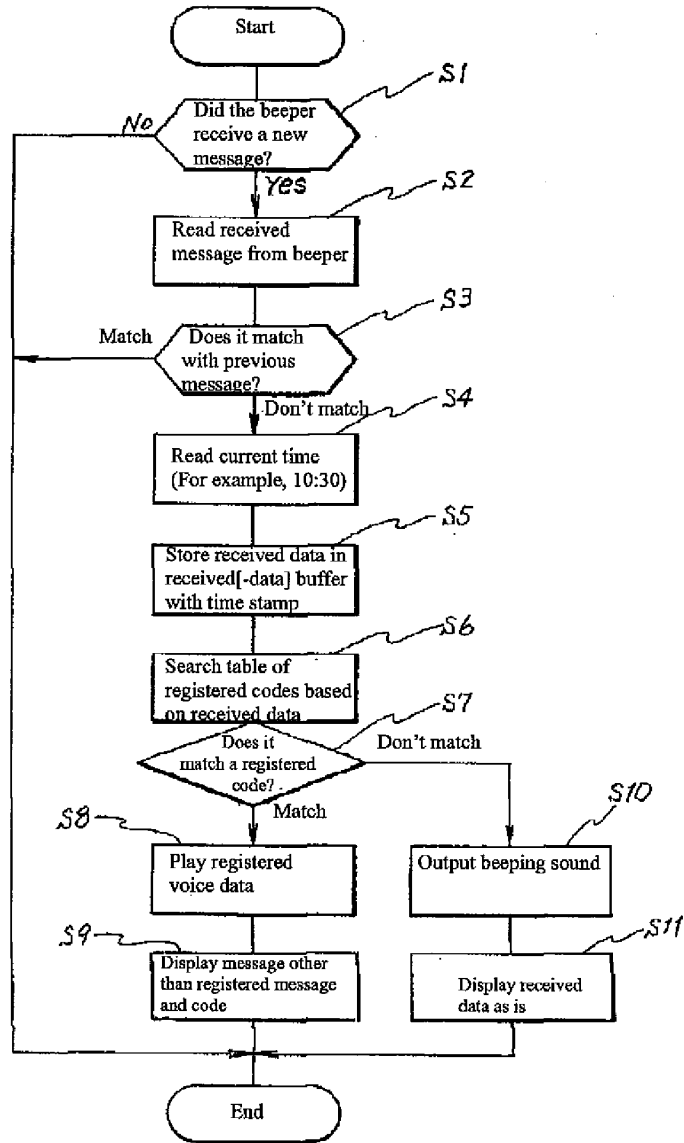


[Figure 9]

	Call-receiving-only type	Number display type	Fixed phrase display type
			Please call immediately
Card type			
Pen type			

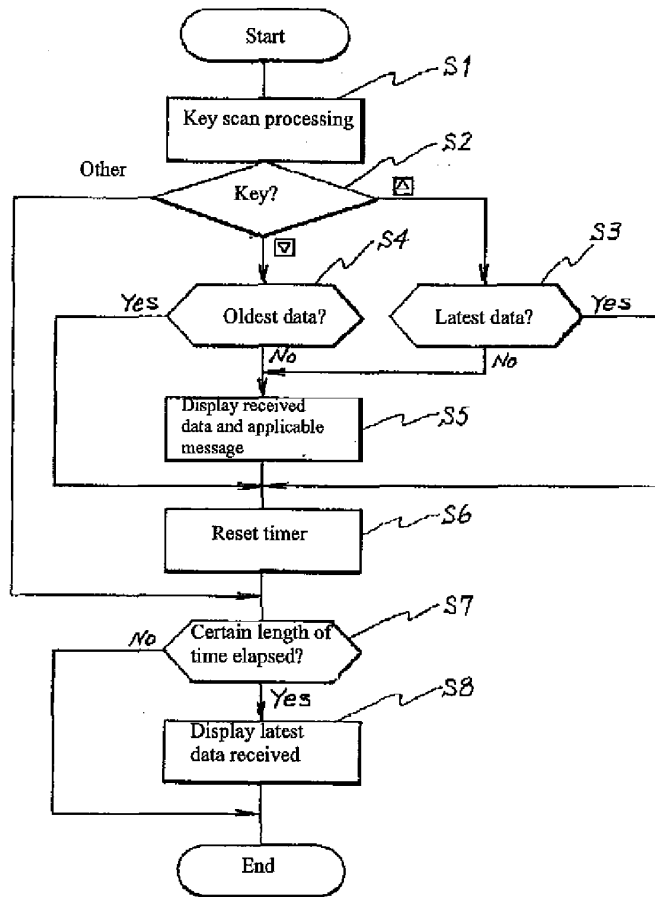
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[Figure 5]



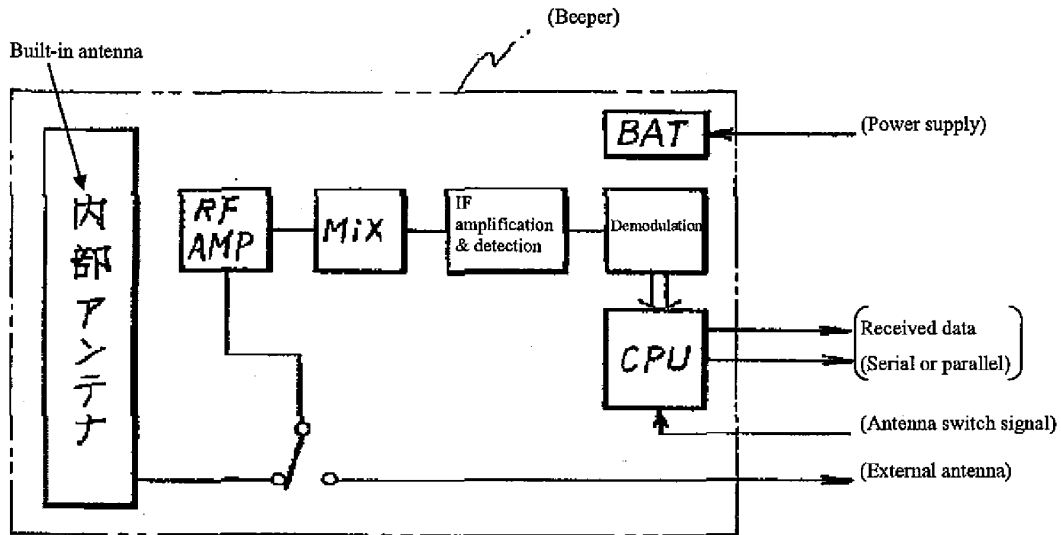
(10)

[Figure 6]



(11)

[Figure 8]



Electronic Patent Application Fee Transmittal

Application Number:	12015320			
Filing Date:	16-Jan-2008			
Title of Invention:	Method for Managing Media			
First Named Inventor/Applicant Name:	Russell W. White			
Filer:	Mark J. Rozman/Stephanie Petreas			
Attorney Docket Number:	AFF.0004C5US			
Filed as Large Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				180

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Confirmation Number:	2156
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First Named Inventor/Applicant Name:	Russell W. White
Customer Number:	21906
Filer:	Mark J. Rozman/Stephanie Petreas
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Attorney Docket Number:	AFF.0004C5US
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	Filing Date		2008-01-16
	First Named Inventor	Russell White, et al.	
	Art Unit	2617	
	Examiner Name	Erika A. Gary	
	Attorney Docket Number	AFF.004C5US	

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

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

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	2	Sony, "Sony Notebook Computer User Guide PCG-717/719," User Guide, 1997.	<input type="checkbox"/>
	3	AirCard, "Sierra Wireless Announces First Cellular Network Interface Card for Notebook PCs," June 21, 1999.	<input type="checkbox"/>
	4	MusicMatch Internet Music System, " MusicMatch Jukebox Reviews," March 4, 2000, May 8, 1999, August 29, 1999, May 8, 1999, February 4, 1997, August 12, 1999, January 24, 2000, January 25, 2000, February 22, 2000, Pages 1-32.	<input type="checkbox"/>
	5	Bluetooth, "Specification of the Bluetooth System, Profiles," December 1, 1999.	<input type="checkbox"/>
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	Filing Date		2008-01-16
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	Art Unit	2617	
	Examiner Name	Erika A. Gary	
	Attorney Docket Number	AFF.004C5US	

8	Nokia Suomi, "Range of suspension GSM products unveiled: Nokia's innovations offer a new dimension to mobile communication," March 13, 1996, 1 page.	<input type="checkbox"/>
9	Nokia 9000i User's Manual, Copyright 1995-1997.	<input type="checkbox"/>
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11	RealNetworks, "RealPlayer plus, RealPlayer 7 Plus User Manual," Copyright 2000, March 6, 2000.	<input type="checkbox"/>
12	DAVID POGUE, "SoundJam MP Digital Audio System Manual," 1999.	<input type="checkbox"/>
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	Filing Date	2008-01-16
	First Named Inventor	Russell White, et al.
	Art Unit	2617
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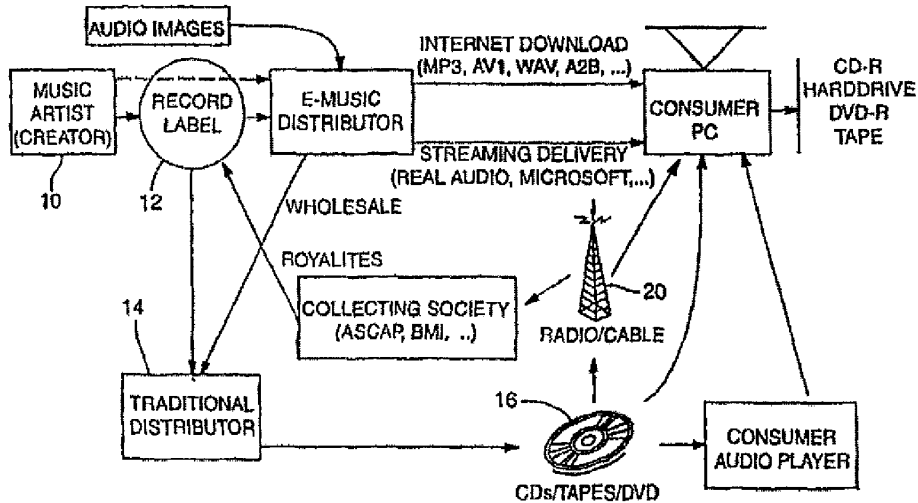
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<p>(21) International Application Number: PCT/US00/13798 (22) International Filing Date: 18 May 2000 (18.05.00) (30) Priority Data: 60/134,782 19 May 1999 (19.05.99) US 09/337,590 21 June 1999 (21.06.99) US (71) Applicant (for all designated States except US): DIGIMARC CORPORATION [-/US]; 19801 S.W. 72nd Avenue, Suite 250, Tualatin, OR 97062 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): RHOADS, Geoffrey, B. [-/US]; 304 S.W. Tualatin Loop, West Linn, OR 97068 (US). DAVIS, Bruce, L. [-/US]; 15599 Village Drive, Lake Oswego, OR 97034 (US). CARR, J., Scott [-/US]; 7814 S.W. 189th Avenue, Beaverton, OR 97007 (US). (74) Agent: MEYER, Joel, R.; Digimarc Corporation, 19801 S.W. 72nd Avenue, Suite 250, Tualatin, OR 97062 (US).</p>	<p>(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BI, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published With international search report.</p>	

(54) Title: METHODS AND SYSTEMS EMPLOYING DIGITAL WATERMARKING IN MUSIC AND OTHER MEDIA



(57) Abstract

The disclosure details a variety of steganographic encoding and decoding of auxiliary information in physical and media objects (16) in traditional distribution (14) to music media outlets (20). In particular, digital watermarks embedded in media content are used to initiate automated transactions associated with the content and to link creative content with information or transactions.

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METHODS AND SYSTEMS EMPLOYING DIGITAL WATERMARKING
IN MUSIC AND OTHER MEDIA

Related Application Data

5 This application claims priority to copending application 60/134,782, filed May 19, 1999, incorporated herein by reference.

 The subject matter of the present application is related to that disclosed in applications 09/234,780, filed January 20, 1999; 09/314,648, filed May 19, 1999; 09/337,590, filed June 21, 1999; 09/433,104, filed November 3, 1999; 09/441,819, filed November 17, 1999; 09/441,821, 10 filed November 17, 1999; 09/442,441, filed November 17, 1999; 09/464,307, filed December 15, 1999; 09/473,075, filed December 28, 1999; 09/476,686, filed December 30, 1999; 09/482,752, filed January 13, 2000; 09/484,742, filed January 18, 2000; 09/498,223, filed February 3, 2000; 60/180,364, filed February 4, 2000; 09/520,406, filed March 8, 2000; 09/563,664, filed May 2, 2000, and 09/09/562,517, filed May 1, 2000.

15

Field of the Invention

 The present invention relates to applications of digital watermarking in conjunction with audio, video, imagery, and other media content.

20

Background and Summary

 Watermarking (or "digital watermarking") is a quickly growing field of endeavor, with several different approaches. The present assignee's work is reflected in U.S. Patent 5,862,260; in copending applications 09/503,881 and 09/452,023; and in published specifications WO 9953428 and WO0007356 (corresponding to US 09/074,034 and 09/127,502). A great many 25 other approaches are familiar to those skilled in the art. The artisan is presumed to be familiar with the full range of watermarking literature.

 In the present disclosure it should be understood that references to watermarking encompass not only the assignee's watermarking technology, but can likewise be practiced with any other watermarking technology. In the context of this document, steganographic processes 30 such as steganographic encoding and decoding of auxiliary data from physical and electronic objects encompasses digital watermarking and other methods for data hiding in media objects.

 Watermarking has various uses, but the present specification details several new uses that provide functionality and features not previously available. The invention provides various

methods, devices and systems for employing digital watermarking in music and other media objects, such as visual and audiovisual works (e.g., motion pictures, images, video, etc.).

One aspect of the invention is a method for crediting payment for a digital content using information steganographically encoded into the content. The method encodes digital
5 source material to steganographically convey plural-bit auxiliary data. The encoded source material passes to a destination through at least one intervening computer. At the intervening computer, the method detects the encoded source material. It then credits a payment in response to the detection of the encoded source material, in accordance with the plural-bit auxiliary data steganographically conveyed by the encoded source material. The method may
10 also report the detection (e.g., to a location remote from detection via a network or other communication link), and credit royalties based on the detection.

In some implementations, the method decodes the auxiliary data only from source material that has first been tested to indicate the likely presence of such data. One way to test source material is by reference to an encoding attribute that is supplemental to the encoded
15 plural-bit auxiliary data. This encoding attribute may comprise a synchronization signal, a marker signal, a calibration signal, a universal code signal, etc. The attribute may be a characteristic signature such as a repetitive noise burst signal or other form of embedded signal.

Another aspect of the invention is an application of steganographic encoding of audio source material. This method decodes audio source material that is presented to the consumer
20 to extract plural-bit auxiliary data steganographically encoded into the material. It uses the plural-bit auxiliary data to retrieve information about the source material from a remote location or database. The encoded auxiliary data may be used for other applications. For example, data indicating the source material presented to the consumer can be stored and used to generate a report.

25 Another aspect of the invention is a method for making payments to the proprietor of content based on steganographic data embedded in the content. The method receives an object steganographically encoded with plural-bit auxiliary data, and decodes this auxiliary data from the object. The method consults a registry to determine a proprietor of the object, by reference to said decoded plural-bit auxiliary data, and makes a payment to the proprietor.

30 Another aspect of the invention is a method of encoding a digital object with a watermark signal. This method encodes the object with a first information signal having relatively small information content, but permitting rapid decoding. The method also encodes the object with a second information signal, having more information content, requiring

relatively more time to decode. The first and second information signals comprise at least one watermark embedded in the digital object.

Another aspect of the invention is a method of processing an object that has been steganographically encoded with first and second information signals. The first information signal has relatively small information content, and the second information signal has relatively larger information content. The method decodes from the object the first information signal. The relatively small information content of the first information signal permits relatively rapid decoding. The method controls an operation of an apparatus in accordance with the decoded first information signal. Further, the method decodes from the object the second information signal, which requires relatively more time to decode. The second information signal conveys a master global address. The master global address has many applications as detailed below.

Another aspect of the invention is a method of encoding audio with a marker signal indicating a master global address used to link to a web site, wherein the marker signal is characterized by being in-band and repetitive.

Another aspect of the invention is a method for facilitating commercial transactions through a watermark in a physical object. The method reads payload data from a watermark on physical object using a device. It uses the payload data read by the device in connection with a commercial transaction involving music related to said object.

Another aspect of the invention is a method of altering music data to steganographically insert plural bits of watermark data therein. The method is characterized by inserting a first group of bits for benefit of an end-user of the music data, inserting a second group of bits different than the first for benefit of an artist whose music is encoded by said music data, and inserting a third group of bits different than the first two for benefit of a distributor of the music data.

Another aspect of the invention is a media object clearinghouse system. The system includes a media object clearinghouse operable to transfer a media object electronically. It also includes a watermark decoder in communication with a media object receiver to receive a media object signal and operable to decode a watermark from the media object signal identifying the media object. Additionally, the system includes a transmitter in communication with the decoder for receiving a media object identifier derived from the watermark and for transmitting the media object identifier and a user identifier to the clearinghouse. The media object clearinghouse is operable to identify the media object based on the media object identifier and the user based on the user identifier and electronically transfer a copy of the media object to a predetermined location associated with the user.

Another aspect of the invention is a media object clearinghouse method. The method receives a media object from a broadcast or electronic transfer. It decodes a watermark from the media object. It then derives a media object identifier from the watermark. The method transmits the media object identifier and a user identifier to a clearinghouse. In the
5 clearinghouse, it identifies the media object based on the media object identifier and the user based on the user identifier and electronically transfers a copy of the media object to a predetermined location associated with the user.

Another aspect of the invention is a method for linking an audio object with additional information or actions related to the audio object. The method decodes a watermark from the
10 media object. It then derives a master global address from the watermark. It connects to a remote device and retrieves additional information associated with the audio object based on the master global address. For example, in one application, the method retrieves information from a web server linked to the audio object through the master global address. The web server may return information about the audio object as well as customized menu options. The
15 information may include instructions governing use of the object, a request for payment authorization, etc.

The master global address may be used to query a server, which in turn looks up an address of another remote device to which the query is to be routed. The remote device may return information, such as a web page, instructions governing use of the audio object, etc.

Another aspect of the invention is a method for reconfiguring a watermark detector.
20 The method decodes a watermark embedded in a signal of a given media type, such as an image or audio signal (e.g., still images, motion pictures, audio, video, etc.). The watermark includes a command signal used to trigger a change in operation of the watermark detector. Based on the command signal, the method changes the operation of the watermark detector.
25 This change may include changing how the watermark detector decodes or interprets a watermark in a signal of the media type.

The scope of this method encompasses a variety of implementations. The command signal may be represented as one or more bits of a watermark payload carried by the watermark. Changing the operation of the detector may include re-programming it or altering
30 how it interprets watermark data embedded in a media object. For example, the method may transfer firmware instructions to the detector to replace instructions stored earlier. As another example, the command may change the operation of the detector according to a preprogrammed rule. The rule may define a change in watermark key, for instance. Yet another example is changing the operation of the detector by changing how a device responds

to the watermark signal extracted from a media object. The behavior of a hardware or software media player, for instance, may be updated to respond differently to the watermark signal, and specifically, to the message carried in a watermark payload.

The method may use watermark payload data to change the operation of the detector.

5 For example, the payload may specify instructions or watermark key data. In response to this payload data, the detector may install and execute new instructions or use the new watermark key to decode watermarks in media objects.

Another aspect of the invention is an alternative method for reconfiguring a watermark detector. This method receives a media object and a command associated with the media
10 object signaling that the watermark detector requires an upgrade to decode a watermark from the media object. In response to the command, the method updates the watermark detector to create an updated watermark detector. It decodes the watermark from the media object with the updated watermark detector. The command may be encoded in a watermark in the media
15 object, or may be conveyed in a channel different than the watermark channel yet transmitted along with the media object (e.g., out-of-band channels like a file header or footer, sub-titling data channel, SCA channel, etc.). The scope of this method encompasses a variety of implementations. In addition, aspects of this method may be used in combination with aspects of the method summarized earlier.

Yet another aspect of the invention is a re-programmable watermark detector. The
20 detector comprises a watermark decoder for detecting a command to upgrade the detector. It also includes instructions that are replaceable in response to detecting the command to upgrade the detector. The instructions may be conveyed to the watermark detector along with a media object, either in a watermark payload, or a channel other than the watermark channel.

Another aspect of the invention is a method of an encoding an upgrade trigger in a
25 watermark. The method receives a media object of a given media type, and encodes a watermark into the media object. The watermark includes a command signal used to trigger a change in operation of a watermark detector. When received in a detector, this change operates to alter how the watermark detector decodes or interprets a watermark in a signal of the media type.

30 Further features will become apparent with reference to the following detailed description and accompanying drawings.

Brief Description of the Drawings

Fig. 1 is a diagram showing the participants, and channels, involved in the distribution of music.

Fig. 2 shows a conceptual model of how music artists, record labels, and E-Music distributors can all interact with a Media Asset Management System, of which several are detailed in the following specification.

5

Detailed Description

For expository convenience, much of the following discussion focuses on music, but the same principles and techniques are largely or wholly applicable to other source data, whether non-music audio, video, still imagery, printed materials, etc.

10

Music Asset Management

Referring to the figures, the music distribution process begins with a creative artist 10. The artist's music has traditionally been distributed by a record label 12. (While the following discussion refers to distribution through such a label, it should be understood that such distribution can just as well be effected directed under the artist's control, without a record label intermediary.)

15

In traditional distribution 14, the record label produces tangible media, such as records, tapes, videos (e.g. music videos), and CDs 16. These media are physically distributed to end-consumers 18. Additionally, the label 12 distributes the music media to outlets 20, such as radio and TV stations, cable and satellite systems, etc., which broadcast (or narrowcast) the artist's work to an audience. Distribution through such media outlets may be monitored by playout tracking services. Playout tracking data, collected by firms including Arbitron, Nielsen, ASCAP, BMI, etc., can be used to compute royalty payments, to verify broadcast (e.g. for advertising), etc.

20

Increasingly, the distribution of the music to the media outlets is performed electronically. Such distribution first took the form of analog audio over highquality landlines or satellite channels. Digital audio quickly supplanted analog audio in such distribution channels due to higher fidelity.

25

More recently, distribution of the music from the record labels to the media outlets has occurred over secure links, now including the internet. Such security was first provided simply by scrambling the audio signal or data. More sophisticated "container"-based systems are now coming into vogue, in which the audio is "packaged" (often in encrypted form) with ancillary data.

30

Electronic distribution of music to the consumer is also gaining popularity, presently in the MP3 format primarily. The music providers may deal directly with the public, but more

commonly effect such consumer distribution through a newly emerging tier of digital media outlets, such as internet sites that specialize in music. From such sites, consumers can download digital audio files into personal digital audio players. (The Diamond Rio, and the Audible MobilePlayer devices are some of the first of what will doubtless be a large number of entrants into this personal internet audio appliance market.) Or the downloaded data can be stored by the consumer-recipient onto any other writeable media (e.g. hard disk, CD, DVD, tape, videotape, etc.). Typically a personal computer is used for such downloading, but this intermediary may be dispensed with by coupling next generation of personal audio appliances to an internet-like link.

10 The data downloaded by the consumer can be stored either in the native digital format, translated into another digital format (which translation may include decryption), converted into analog and recorded in analog form, etc.

Unauthorized copying or use of the music can occur anywhere in the foregoing channels. However, one of the greatest risks occurs once the music has been delivered to the consumer (whether by tangible media, by traditional broadcast media outlets, by emerging digital distribution, or otherwise).

The general idea of embedding auxiliary data into music (i.e. watermarking) has been widely proposed, but so far has been of limited applicability.

For example, GoodNoise is planning to embed a digital signature -- termed a multimedia identifier, or MMI -- in its MP3 music. MMI will register the song and its author with a licensing number. In addition to providing information about the songwriter and distributor, this digital encoding may also include lyrics, liner notes, and other information. But all of the proposed uses serve only to convey information from the distributor to the consumer; use for "tracking" is actively disclaimed. (Wired News, "GoodNoise Tags MP3 Files," February 3, 1999.)

25 The Genuine Music Coalition -- a partnership of various companies in the music distribution business -- likewise has announced plans to employ watermarking of MP3 music. The watermarking technology, to be provided by Liquid Audio, will convey data specifying the artist or producer contact, copyright data, and a number to track ownership. The Coalition hopes that the provision of this embedded information will help thwart piracy. Industry observers believe Liquid Audio will next introduce playback technology only plays audio in which its watermark is detected. (Wired News, "Liquefying MP3," January 23, 1999.)

A similar initiative has been announced by the Recording Industry Association of America (RIAA). Termed the Secure Digital Music Initiative (SDMI), the program seeks to

define a voluntary specification that will assure proper compensation to those who produce and distribute music. One element of the system will likely be a watermarking component. (Dow Jones Newswire, "Spurred By Maverick Technology, Music Industry Eyes Web," December 31, 1998.)

5 Yet another initiative has been announced by Solana and ASCAP. Other companies promoting watermarking for music include Aris Technology, MCY.com, and AudioSoft.

The watermark payload can represent various types of data. An exemplary payload includes data relating to the artist, distribution entity, title, and copyright date/proprietor.

10 Additionally, the payload can include a digital object identifier – an ISBN-like number issued by a central organization (e.g. a rights management organization) to uniquely identify the work.

Such payload data can be encoded literally (e.g. the title by a series of ASCII characters, etc.). In other embodiments, codes or abbreviations can be employed– with each code having a known meaning. In still other embodiments, the data can be meaningless by itself, but may serve as a key (e.g., a Unique Identifier, or UID) into a remote data database or repository. An example of such a remote data repository is a web site at a Master Global Address (MGA) associated with content, as detailed below.

An exemplary data payload may, for example, have the following format:

A	B	C	D	E	F	G	H	I		
---	---	---	---	---	---	---	---	---	--	--

20 Where A is a six-byte (8-bits to a byte) ASCII string serving as a digital object identifier (which may serve as a link to a Master Global Address through a default name server, as discussed below), B is a two-byte ASCII field serving as a key into an "artist" field of the remote database, C is a three-byte ASCII field serving as a key into a "title" field of the remote database; D is a 14-bit field serving as a key into a "label" field of the remote database, E is an
 25 8-bit integer representing the work's year of first publication (with 0 representing the year 2000); F is a 10-bit field serving as a key into a "price" field of the remote database, G is a two-byte usage control string (detailed below), H is a streaming data channel, and I is a string of bits serving as a cyclic redundancy checksum for the foregoing. (More sophisticated error correcting checksums can, of course, be employed.) This payload format totals 136 bits,
 30 exclusive of the CRC coding and the streaming data channel.

This payload is encoded repeatedly, or redundantly through the music, so that the full payload can be decoded from partial excerpts of the music.

The encoding is also desirably perceptually adaptive, so that higher energy encoding is employed where the listener is less likely to perceive the additional "noise" introduced by the encoding, and vice versa. Various techniques for perceptually adaptive encoding are known. For example, some tie the amplitude of the encoded signal to the instantaneous amplitude of the music. Others exploit psychoacoustic "masking" of one signal by a spectrally-or temporally-
5 adjoining signal of higher energy. Still other approaches fill gaps in the music's spectrum with watermark energy.

In other embodiments, perceptually adaptive encoding is not used. In some such embodiments, no tailoring of the temporal or spectral characteristics of the watermark signal is
10 employed. In others, the watermark signal is spectrally filtered to emphasize low frequency audio components (e.g. less than 500 hz), high frequency audio components (e.g. higher than 2500 hz), or mid-frequency audio components (500-2500 hz).

The streaming data field channel (H) is a medium by which data can be conveyed from a distribution site (or other site) to the end user. Such data may be entirely unrelated to the
15 underlying work. For example, it may serve a utilitarian purpose, such as conveying data to a memory in the consumer device to replace previously-stored data that is out-of-date. It may be a commercial channel on which bandwidth is sold for access to the consumer or the consumer's device. Essentially any purpose can be served by this streaming data field. Unlike most of the other fields, the streaming data field may not endlessly repeat the same data, but can convey
20 data that changes with time.

Desirably, the encoding is performed in a manner permitting recovery of the watermark data even if the audio is corrupted, e.g. by format conversion, re-sampling, tape wow and
flutter, compression, coding, or various forms of audio processing (e.g. filtering, pre-emphasis, re-scaling, etc.). One way to provide for such robustness is to encode a signal of known
25 character that can be recognized through all such corruption. By identifying such known signal, the watermark signal can then be decoded. (The known signal can take various forms, e.g. a synchronization signal, a marker signal, calibration signal, a universal code signal as described in applicant's patents, etc.)

In some embodiments, a watermark "dial-tone" signal is provided. This dial-tone
30 signal is a low amplitude, relatively wideband, repetitive signal that commonly conveys only limited information (e.g. a single bit of information). Its presence in an audio signal can serve as a "do not record," or similar instruction signal. Alternatively, or in addition, the dial-tone signal can serve as an aid in "locking" to a plural-bit digital watermark signal that is also encoded in the audio. For example, the cyclical repetition of the signal can serve to identify the

start of the plural-bit digital watermark signal. Or the spectrum or repetition rate of the signal can identify any temporal corruption of the audio. An exemplary such signal is detailed as a "simple universal code" in Patent 5,636,292.

5 A track of music can be pre-authorized for specified types of use. For example, the usage control string of the watermark payload may include a six-bit field detailing the classes of devices for which the audio is authorized. Each bit would correspond to a different class of device. Class 1 devices may be personal playback devices with only analog-audio output. Class 2 devices may be personal entertainment devices capable of outputting music in digital (e.g. MP3, redbook, *.WAV) format, as well as analog audio. Class 3 devices may be personal
10 computer systems (i.e. with essentially unlimited ability for processing and outputting digital audio). Etc., etc. A device to which such MP3 audio is provided would check the usage control string data to determine whether it is authorized to utilize the audio. A personal playback device with analog-only output, for example, would examine the first bit of the usage control string. If it was "1," the device would be authorized to use (i.e. playback) the MP3 data; if it
15 was a "0," the device would refuse to play the music.

In addition to pre-authorization for certain classes of devices, the usage control string can also include bits indicating the number of permitted playbacks. This data can be encoded in bits seven through nine, representing eight possibilities:

- 20 0 – no playback permitted
- 1 – single playback permitted
- 2 – two playbacks permitted
- 3 – three playbacks permitted
- 4 – four playbacks permitted
- 5 – five playbacks permitted
- 25 6 – 10 playbacks permitted
- 7 – unlimited playbacks permitted
- 8 – refer to associated data (within the watermark, or stored at a remote site) which specifies number of permitted playbacks.

30 The playback device may include a non-volatile store in which the number of permitted playbacks is stored for each track of music. The device would decrement this number at the beginning of each playback.

The usage control string can also include a two-bit field (bits ten and eleven) indicating recording permissions. A value of 0 means that data corresponding to the MP3 audio (regardless of digital format) should never be made available to another digital device. A value

of 1 means that the data corresponding to the MP3 data may be made available once to another digital device. A value of 2 means that the data may be made available an unlimited number of times to other digital devices. (Value 3 is reserved.)

5 Another data field that can be included in an audio watermark is a rating that indicates age-appropriateness. Music with violence or sexual themes might be given a rating akin to the MPAA "PG-13" or "R" rating. Audio appliances may be programmed to recognize the rating of incoming music, and to interrupt playback if the rating exceeds a certain threshold setting. Various known techniques can be employed to assure that such settings cannot readily be changed, e.g., by juvenile listeners.

10 Another data field that can be included in an audio watermark is a date field. This field can indicate either the date the music was watermarked, or a date in the future on which certain rights associated with the music should change. Some consumers, for example may not wish to purchase perpetual playback rights to certain musical selections. The right to play a selection for 6 months may suffice for many consumers, especially if the price is discounted in view of the limited term. Such an arrangement would not be wholly disadvantageous to music distributors, since some consumers may end up purchasing music twice if their initial assessment of a musical selection's appeal was too short-sighted. (Naturally, the playback equipment would require a source of real-time clock data against which the date field in the watermark can be checked to ensure that the playback rights have not yet expired.)

20 Another of the data fields that can be included in an audio watermark specifies technical playback parameters. For example, the parameter can cause the playback appliance to apply a spectral equalization that favors bass frequencies, or treble frequencies, or mid-range frequencies, etc. Other pre-configured equalization arrangements can similarly be invoked responsive to watermark data. Likewise, the parameter can invoke special-effects provided by the playback appliance, e.g., echo effects, reverb, etc. (Again, such parameters are usually represented in an abbreviated, coded form, and are interpreted in accordance with instructions stored in a memory (either in the playback appliance, or linked thereto).

25 The same data fields and principles can be applied to non-audio content. In video, for example, watermarked data can adaptively control the display monitor or playback parameters (e.g., color space) to enhance the viewing experience.

Music Asset Management/Commerce

The majority of domestic music piracy is not organized. Rather, it is a crime of opportunity and convenience. If the crime were made more difficult, the alternative of

obtaining a copy through legitimate channels would be less onerous. Similarly, if the procedure for obtaining a copy through legitimate channels were simplified, the incentive for piracy would be reduced. Watermarking facilitates both – making the crime more difficult, and making legitimate music acquisition easier.

5 Consider, for example, the pricing of music in conventional record stores. A CD (compact disk) may cost \$15, but its sale may be driven by just one or two popular songs on the disk. To obtain these songs, the consumers must purchase the entire disk, with perhaps a dozen songs of no particular interest. This, in essence, is a tying arrangement that benefits the record labels while prejudicing the consumers. Given these circumstances, and a ready opportunity to
10 make copies, it is not surprising that customers sometimes make illicit copies.

 One classic technique of avoiding purchase of a complete collection of music, when only one or two songs is desired, is to record the music off the radio. While of dubious legality, this technique was popular in the era of combined cassette/radio players. However, the desired music was sometimes difficult to encounter in a radio broadcast, and the quality was less than
15 superb.

 The combined cassette/radio player has now evolved into a general purpose computer with wide-ranging functionality, and other sophisticated devices. Music can be acquired off the web, and can be recorded in various forms (e.g. in a personal MP3 player, stored on a hard disk, stored on a writeable CD-ROM, played back and recorded on analog cassette, etc., etc.). The
20 quality can be quite high, and the erratic broadcast time problems of radio broadcasts have been overcome by the web's on-demand delivery mechanisms. (Moreover, the music can be downloaded in faster-than-realtime, a further benefit over recording-off-the-air techniques.)

 One hybrid between the new and old is a novel radio (e.g., for use in a car) that has a "capture" button on the front panel (or other form of user interface, e.g., a Capture icon on a
25 GUI). If a user hears a song they want to record and keep, they press the Capture button while the song is playing. In response, the radio device decodes a watermark embedded in the music, and thereby knows the identity of the music. The radio then makes a wireless transmission identifying the user and the desired song. A local repeater network picks up the wireless signal and relays it (e.g. by wireless rebroadcast, by modem, or other communication medium) to a
30 music clearinghouse. The clearinghouse charges the user a nominal fee (e.g. via a pre-arranged credit card), and queues the music for download to a predetermined location associated with the user.

 In one embodiment, the predetermined location is the user's own computer. If a "live" IP address is known for the user's computer, the music can be transferred immediately. If the

user's computer is only occasionally connected to the internet, the music can be stored at a web site (e.g. protected with a user-set password), and can be downloaded to the user's computer whenever it is convenient.

In other embodiments, the predetermined location is a personal music library
5 maintained by the user. The library can take the form, e.g., of a hard-disk or semiconductor memory array in which the user customarily stores music. This storage device is adapted to provide music data to one or more playback units employed by the user (e.g. a personal MP3 player, a home stereo system, a car stereo system, etc.). In most installations, the library is physically located at the user's residence, but could be remotely sited, e.g. consolidated with
10 the music libraries of many other users at a central location.

The personal music library can have its own internet connection. Or it can be equipped with wireless capabilities, permitting it to receive digital music from wireless broadcasts (e.g. from the clearinghouse). In either case, the library can provide music to the user's playback devices by short-range wireless broadcast.

15 By such arrangement, a user can conveniently compile an archive of favorite music – even while away from home.

Many variants of the foregoing are of course possible. The radio can be a portable unit (e.g. a boombox, a Walkman radio, etc.), rather than an automotive unit. The UI feature employed by the user to initiate capture a musical selection need not be a button (physical or
20 on-screen). For example, in some embodiments it can be a voice-recognition system that responds to spoken commands, such as "capture" or "record." Or it can be a form of gesture interface.

Instead of decoding the watermark only in response to the user's "capture" command, the radio can decode watermarks from all received programs, and keep the most recent in a
25 small FIFO memory. By such arrangement, the user need not issue the capture instruction while the song is playing, but can do so even after the song is finished.

In some embodiments, data corresponding to the watermark can be made available to the user in various forms. For example, it can be presented to the user on an LCD screen, identifying the artist and song currently playing. If a corresponding UI button is activated, the
30 device can so-identify the last several selections. Moreover, the data need not be presented to the user in displayed form; it can be annunciated by known computer-speech technologies instead.

In embodiments in which the watermark does not convey ASCII text data, but instead conveys UIDs, or coded abbreviations, the device must generally interpret this data before

presenting it to the user. In an illustrative embodiment, the device is a pocket-sized FM radio and is equipped with a 1 megabyte semiconductor non-volatile RAM memory. The memory includes a data structure that serves as a look-up table, matching code numbers to artist names and song titles. When the user queries the device to learn the identify of a song, the memory is indexed in accordance with one or more fields from the decoded watermark, and the resulting textual data from the memory (e.g. song title and artist) is annunciated or displayed to the user.

In most applications, such memory will require frequent updating. The RF receiver provides a ready mechanism for providing such updated data. In one embodiment, the radio "awakens" briefly at otherwise idle moments and tunes to a predetermined frequency at which updated data for the memory is broadcast, either in a baseband broadcast channel, or in an ancillary (e.g. SCA) channel.

In variants of the foregoing, internet delivery of updated memory data can be substituted for wireless delivery. For example, the artist/song title memory in the personal player can be updated by placing the player in a "nest" every evening. The nest (which may be integrated with a battery charger for the appliance) can have an internet connection, and can exchange data with the personal device by infrared, inductive, or other proximity-coupling technologies, or through metal contacts. Each evening, the nest can receive an updated collection of artists/song titles, and can re-write the memory in the personal device accordingly. By such arrangement, the watermark data can always be properly interpreted for presentation to the user.

The "Capture" concepts noted above can be extended to other functions as well. One is akin to forwarding of email. If a consumer hears a song that another friend would enjoy, the listener can send a copy of the song to the friend. This instruction can be issued by pressing a "Send" button, or by invoking a similar function on a graphical (or voice- or gesture-responsive) user interface. In response, the appliance so-instructed can query the person as to the recipient. The person can designate the desired recipient(s) by typing in a name, or a portion thereof sufficient to uniquely identify the recipient. Or more typically, the person can speak the recipient's name. As is conventional with hands-free vehicle cell phones, a voice recognition unit can listen to the spoken instructions and identify the desired recipient. An "address book"-like feature has the requisite information for the recipient (e.g., the web site, IP address, or other data identifying the location to which music for that recipient should stored or queued, the format in which the music should be delivered, etc.) stored therein. In response to such command, the appliance dispatches instructions to the clearinghouse, including an

authorization to debit the sender's credit card for the music charge. Again, the clearinghouse attends to delivery of the music in a desired manner to the specified recipient.

Still further, a listener may query the appliance (by voice, GUI or physical button, textual, gesture, or other input) to identify CDs on which the then-playing selection is recorded.

5 Or the listener may query the appliance for the then-playing artist's concert schedule. Again, the appliance can contact a remote database, relay the query, and forward data from the watermark payload identifying the artist and/or song title to which the query relates. The database locates the requested data, and relays same back to the appliance for presentation (via a display, by machine speech, or other output) to the user. If desired, the user can continue the dialog with a further instruction, e.g., to buy one of the CDs on which the then-playing song is included. Again, this instruction may be entered by voice, GUI, etc., and dispatched from the appliance to the clearinghouse, which can then complete the transaction in accordance with pre-stored information (e.g. credit card account number, mailing address, etc.). A confirming message is relayed to the appliance for presentation to the user.

15 While the foregoing transactions require a link to a remote site or database, other watermark-based consumer services can be provided without such a link. For example, a user can query the appliance as to the artist or song-title of the selection currently playing. The appliance can consult the embedded watermark data (and optionally consult a memory to determine the textual names associated with coded watermark data), and provide the requested information to the user (e.g., by a display, annunciation, or other output).

The foregoing concepts (e.g. Capture, Send, etc.) can also be employed in connection with internet- rather than radio-delivery of music. (The following discussion is illustrated with reference to the "Capture" function, but it will be recognized that the other earlier-discussed features can be similarly implemented.)

25 There are many commercial web sites that sell audio (in CD form or otherwise), and offer limited free music downloads, (or music clips) as an enticement to lure consumers. But there are also a great number of music web sites that have no commercial pretense. They are hosted by music lovers strictly for the enjoyment of other music lovers. When music is downloaded from such a web site, the end-user's computer can analyze the digital data to decode watermark data therefrom. Again, the user can be presented with a "Capture" button that initiates a commercial transaction, by which a complete copy of the then-downloaded audio is sent to a prearranged storage location, and the user's credit card is debited accordingly. This transaction can occur independently of the site from which the music is downloaded (e.g. through the clearinghouse referenced above).

While the "Capture" button can be presented on the web-site, this would generally not be in keeping with the non-commercial nature of such web sites. Instead, in an exemplary embodiment, the Capture feature is a software program resident at the user's computer. When this software program is invoked by the user, a socket channel is instantiated between the user's
5 computer and the clearinghouse over the then-existing internet connection. The decoded watermark data and user ID is transmitted to the clearinghouse over this channel, without interrupting the user's other activity (e.g. downloading music from the non-commercial web site). In response, the clearinghouse transmits the music to the prearranged location and attends to billing.

10 In some embodiments, a watermark detector is included as part of the operating system, and constantly monitors all TCP/IP, or other internet, data received by the user's computer, for the presence of watermarks. In such case, when the Capture feature is invoked, the program examines a memory location in which the operating system stores the mostrecently received watermark data. In another embodiment, the computer does not monitor all internet traffic for
15 embedded watermark data, but includes an API that can be called by the Capture program to decode a watermark from the data then being received. The API returns the decoded watermark data to the Capture program, which relays same to the clearinghouse, as above. In still another embodiment, the watermark decoder forms part of the Capture program, which both decodes the watermark and relays it to the clearinghouse when the Capture program is
20 invoked by the user.

There are various techniques by which the Capture program can be selectively invoked. One is by a keyboard macro (e.g. by a combination of keyboard keys). Another is by a program icon that is always presented on the screen, and can be double-clicked to activate. (Again, confirmation processes may be called for, depending on the likelihood of inadvertent
25 invocation.) Many other techniques are likewise possible.

In the just-contemplated scenario, the Capture operation is invoked while the user is downloading music from a non-commercial web site. This seems somewhat redundant, since the downloading -- itself -- is transferring music to the user's computer. However, the Capture operation provides added value.

30 In the case of streaming audio, the audio is not typically stored in a location in which it can be re-used by the consumer. It can be listened-to as delivered, but is then gone. Capturing the audio provides the user a copy that can be played repeatedly.

In the case of downloaded music files, the music may have been encoded to prevent its recordal on other devices. Thus, while the user may download the music onto a desktop

computer, copy-prevention mechanisms may prevent use of that file anywhere else, e.g. on a portable music appliance. Again, Capturing the audio provides the user a copy that can be transferred to another device. (The music file provided by the clearinghouse can have copy-prevention limits of its own -- e.g., the file can be copied, but only once, or the file can be

5 copied only onto devices owned by the user.)

(Confirmation of device ownership can be implemented in various ways. One is to identify to the clearinghouse all music devices owned by a user at the time the user registers with the clearinghouse (supplemented as necessary by later equipment acquisitions). Device IDs associated with a user can be stored in a database at the clearinghouse, and these can be

10 encoded into the downloaded music as permitted devices to which the file can be copied, or on which it can be played.)

The commerce opportunity presented by non-commercial music web-sites is but one enabled by digital watermarks. There are many others.

To take one example, consider the media by which music and artists are presently

15 promoted. In addition to radio airtime, these include music videos (a la MTV), fan magazines, web advertisements, graphical icons (e.g. the Grateful Dead dancing bears), posters, live events, movies, etc. Watermarked data can be used in all such media as a link in a commercial transaction.

A poster, for example, typically includes a photo of the artist, and may comprise cover art from a CD. The photo/art can be digitally watermarked with various types of data, e.g., the

20 artist's identify, the record label that distributes the artist's work, the music project being particularly promoted by the poster (e.g. a CD, or a concert tour), a fan web-site related to the artist, a web-site hosted by the record label for selling audio in CD or electronic form, a web-site from which free music by the artist can be downloaded, data identifying the poster itself,

25 etc.

A user, equipped with a portable appliance that merges the functions of palmtop computer and digital camera, can snap an image of the poster. The processor can decode the watermarked data, and initiate any of various links based on the decoded data.

In an exemplary embodiment, after snapping the picture, the user invokes a software

30 program on the device that exposes the various links gleaned from the snapped image data. Such a program can, for example, present the option of linking to the artist's fan web site, or downloading free streaming audio or music clips, or ordering the promoted CD, or requesting the above-noted clearinghouse to download a personal copy of selected song(s) by the artist to the user's personal music library, etc. (The device is presumed to have a wireless internet link.

In devices not having this capability, the requested actions can be queued and automatically executed when a link to the internet is available.)

5 Still more complex transactions can be realized with the use of a remote database indexed by digital watermark fields decoded from the poster. For example, the poster may promote a concert tour. Fields of the digital watermark may identify the artist (by a code or full text), and a web site or IP address. The user appliance establishes a link to the specified site, and provides the artist identifier. In response, the site downloads the tour schedule for that artist, for display on the device. Additionally, the downloaded/displayed information can include a telephone number that can be used to order tickets or, more directly, can indicate the class of seats still available at each (or a selected) venue, and solicit a ticket order from the user over the device. The user can supply requested information (e.g. mailing address and charge card number) over the return channel link (wireless or wired, as the case may be), and the ticket(s) will be dispatched to the user. In the case of a wireless link, all of this can occur while the user is standing in front of the movie poster.

15 Similar systems can be implemented based on watermark data encoded in any other promotional media. Consider music videos. Using known TV/computer appliances, watermark data added to such videos can readily be decoded, and used to establish links to audio download, CD-sales, fan club, concert ticket outlet web sites, etc., as above.

20 Even live events offer such watermark-based opportunities. The analog audio fed to public address or concert speakers can be watermarked (typically before amplification) to encode plural-bit digital data therein. A next generation personal music appliance (e.g. one with a wireless interface to the internet) can include analog record capability (e.g. a built-in microphone, analog-to-digital converter, MP3 encoder, coupled to the unit's semiconductor memory). A user who attends a live event may record an excerpt of the music. The watermark can then be decoded, and the extracted data used to access the links and commerce opportunities reviewed above.

30 Cinema movies offer both audio and visual opportunities for watermark-based commerce opportunities. Either medium can be encoded to convey information of the types reviewed above. A personal appliance with image- or audio-capture capabilities can capture an excerpt of the audio or imagery, decode the watermark data therefrom, and perform any of the linking, etc., functions reviewed above.

The consumer-interest watermarks reviewed above are only exemplary. Many others will be recognized as useful. For example, promotional clips presented before a feature film presentation can include watermark data that point (either by a literally encoded web address

link, or by an ID code that indexes a literal link in a remote link database) to reviewer critiques of the previewed movies. Watermark data in a featured film presentation can lead to web sites with information about the movie stars, the director, the producer, and can list other movies by each of these persons. Other watermark-conveyed web links can present opportunities to buy
5 the movie on videotape, to purchase the movie soundtrack, to buy movie-related toys and games, etc.

More on Device Control

Much of the foregoing has focused on watermark encoding to provide enhanced
10 customer experiences or opportunities. Naturally, watermarks data can alternatively, or additionally, serve the interests of the media owner.

To illustrate, consider watermarked music. The media owner would be best served if the watermark serves dual purposes: permissive and restrictive. Permissively, music appliances can be designed to play (or record) only music that includes an embedded watermark signaling
15 that such activity is authorized. By this arrangement, if music is obtained from an unauthorized source and does not include the necessary watermark, the appliance will recognize that it does not have permission to use the music, so will refuse requests to play (or record).

As noted, music appliances can respond restrictively to the embedded watermark data to set limits on use of the music. Fields in the watermark can specify any or all of (or others in
20 addition to) (a) the types of devices on which the music can be played (b) the types of devices on which the music can be recorded; (c) the number of times the music can be played; (d) the number of times the music can be recorded, etc.

The device restrictions (a) and (b) can be of various types. In some embodiments, the restrictions can identify particular units (e.g. by serial number, registered owner, etc.) that are
25 authorized to play/record the encoded music. Or the restrictions can identify particular classes of units (e.g., battery-powered portable players with music memories of less than 50 megabytes, disk-based dedicated music appliances, general purpose personal computers, etc.) Or the restrictions can identify particular performance quality criteria (e.g., two channel, 16bit audio at 44.1KHz sample rate, or lower quality).

The use restrictions (c) and (d) can likewise be of various types. Examples include "do
30 not copy," "copy once only," "unrestricted copying permitted," "play once," "play N times" (where N is a parameter specified elsewhere in the watermarked data, or by reference to a database indexed by a watermark data field), "unrestricted playing permitted," etc.