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( Not for submission under 37 CFR 1.99)

Application Number		13117507
Filing Date		2011-05-27
First Named Inventor	Russell W. White	
Art Unit	2618	
Examiner Name		
Attorney Docket Number	AFF.004CSUS	

1	J. Braunstein, "Airbag Technology Takes Off," Automotive & Transportation Interiors, Aug. 1996, p. 16.	<input type="checkbox"/>
2	I. Adcock, "No Longer Square," Automotive & Transportation Interiors, Aug. 1996, pp. 38-40.	<input type="checkbox"/>
3	M. Krebs, "Cars That Tell You Where To Go," The New York Times, Dec. 15, 1996, section 11, p. 1.	<input type="checkbox"/>
4	L. Kraar, "Knowledge Engineering," Fortune, Oct. 28, 1996, pp. 163-164.	<input type="checkbox"/>
5	S. Heuchert, "Eyes Forward: An ergonomic solution to driver information overload," Society of Automobile Engineering, Sep. 1996, pp. 27-31.	<input type="checkbox"/>
6	"OnStar" brochure by General Motors Corp., 1997.	<input type="checkbox"/>
7	Sun Microsystems, Inc., "Why Jini Now?," Aug. 1, 1998, pp. 1-14.	<input type="checkbox"/>
8	Sun Microsystems, Inc., "What is Jini?," - Summary.	<input type="checkbox"/>
9	Clohesy, Kim, Object Technology, Inc., "Virtual Machine Technology: Managing Complexity and Providing Portability for Embedded Systems, 2001, pp. 58-60.	<input type="checkbox"/>
10	Mobile GT, "The Architecture for Driver Information Systems."	<input type="checkbox"/>

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	1	6386164		2002-05-28	Bamea, et al.	
	2	6255961		2007-07-03	Van Ryzin, et al.	
	3	6282464		2001-08-28	Obradovich	
	4	7324833		2008-01-29	White, et al.	

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

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PTO/SB08/a filed 04/10/2008

PTO/SB/08a (05-07)

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	2	6694200	B2	2004-02-17	Naim, An B.	
	3	6587835	B1	2003-07-01	Treyz et al.	
	4	6510210	B1	2003-01-21	Baughan, Kevin J.	
	5	6509716	B2	2003-01-21	Yi, Sang	
	6	6496692	B2	2002-12-17	Shanahan, Michael E.	
	7	6396769	B1	2002-05-28	Polany, Rany	
	8	6240397	B1	2001-05-29	Jadoul, Marc	

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12	5940767		1999-08-17	Bourgeois et al.	
13	5870680		1999-02-09	Guerin et al.	
14	5774793		1996-06-30	Cooper et al.	
15	5587560		1996-12-24	Crooks et al.	
16	5586090		1996-12-17	Otte, William C.	
17	5450471		1995-09-12	Hanawa et al.	
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21	7343414	B2	2008-03-11	Lipscomb et al.

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	2	7145898		2006-12-05	Elliott, Isaac K.	
	3	7130807		2006-10-31	Mikurak, Michael G.	
	4	7124101		2006-10-17	Mikurak, Michael G.	
	5	6978127		2005-10-20	Bulthuis et al.	
	6	6909708		2005-06-21	Krishnaswamy et al.	
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9	6888929		2005-05-03	Saylor et al.	
10	6842906		2005-01-11	Bowman-Amuah; Michel K.	
11	6792086		2005-04-04	Saylor et al.	
12	6754181		2004-09-04	Elliott et al.	
13	6742015		2004-05-25	Bowman-Amuah; Michel K.	
14	6731625		2004-05-04	Eastep et al.	
15	6715145		2004-03-30	Bowman-Amuah; Michel K.	
16	6707889		2004-03-16	Saylor et al.	
17	6697824		2004-02-24	Bowman-Amuah; Michel K.	
18	6671818		2003-12-20	Mikurak; Michael G.	
19	6640249		2003-10-28	Bowman-Amuah; Michel K.	



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20	6640244		2003-10-28	Bowman-Amuah; Michel K.	
21	6640238		2003-10-28	Bowman-Amuah; Michel K.	
22	6638242		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.	
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28	6601192		2003-07-29	Bowman-Amuah; Michel K.	
29	6578068		2003-07-10	Bowman-Amuah; Michel K.	

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	1	6571282		2003-07-27	Bowman-Amuah; Michel K.	
	2	6550057		2003-04-15	Bowman-Amuah; Michel K.	
	3	6548949		2003-04-15	Bowman-Amuah; Michel K.	
	4	6539396		2003-03-25	Bowman-Amuah; Michel K.	
	5	6529948		2003-03-04	Bowman-Amuah; Michel K.	
	6	6529809		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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10	6477685		2002-11-06	Bowman-Amuah; Michel K.	
11	6477580		2002-11-06	Bowman-Amuah; Michel K.	
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21	6233430		2001-05-15	Helferich, Richard J.
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23	5996525		1999-12-07	Krishnaswamy et al.
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**INFORMATION DISCLOSURE  
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Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.064CSUS

20	6253061		2001-06-26	Helferich, Richard J.	
21	6233430		2001-05-15	Helferich, Richard J.	
22	6122403		2000-09-19	Rhoads, Geoffrey B.	
23	5999525		1999-12-07	Krishnaswamy et al.	
24	5867494		1999-02-02	Krishnaswamy et al.	
25	5732216		1998-03-24	Logan et al.	
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Application Number	13117507
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First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.004C9US

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-7,065,342	06-2006	Rolf, Devon A.	455/412.1
*	B	US-6,694,200	02-2004	Naim, Ari B.	700/94
*	C	US-6,230,322	05-2001	Saib et al.	725/40
	D	US-			
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	1	6509716		2003-01-21	Yi, Sang	

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Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
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Attorney Docket Number	AFF.004CSUS

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code‡	Number-Kind Code§ of issuing			
	B1	US	2005/0054379	03/10/05	Cao et al.	
	B2	US	2004/0078274	04/22/04	Aarnio, Ari	
	B3	US	2002/0046084	04/18/02	Steele et al.	
	B4	US	6,975,835	12/13/05	Lake et al.	
	B5	US	6,956,833	10/18/05	Yukie et al.	
	B6	US	6,915,272	07/05/05	Zillacus et al.	
	B7	US	6,907,112	06/14/05	Guerrata et al.	
	B8	US	6,792,615	09/14/04	Rowe et al.	
	B9	US	6,741,980	05/25/04	Langseth et al.	
	B10	US	6,721,710	04/13/04	Lueck, Charles D.	
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	B12	US	6,526,335	02/25/03	Treyz et al.	
	B13	US	6,516,466	02/04/03	Jackson, Vincent C.	
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Application Number	13117507
Filing Date	2011-06-27
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.004CSUS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> # Invent			
	B27	US-	6,247,130	06/12/01	Fritsch, Bernhard	
	B28	US-	6,236,832	05/22/01	Ito, Seigo	
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Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF-004C9US

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	1-B	U.S. Patent No. 50/167,179, filed 11/23/1999	
	2-B	U.S. Patent No. 09/234,259, filed 01/20/1999	
	3-B		
	4-B		
	5-B		
	6-B		
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	8-B		
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(Not for submission under 37 CFR 1.99)

Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2818
Examiner Name	
Attorney Docket Number	AFF.004C9US

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,232,539	05-2001	Looney et al.	84/609
*	B	US-4,807,292	02-1989	Sorscher, Bernard	381/86
*	C	US-6,420,975	07-2002	DeLine et al.	340/815.4
*	D	US-6,792,263	09-2004	Kite, Karen Jeanne	455/412.1
*	E	US-2002/0023028	02-2002	Quarendon et al.	705/28
*	F	US-6,591,085	07-2003	Grady, Jeff	455/42
*	G	US-6,788,528	09-2004	Enners et al.	361/683
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	I	US-			
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	K	US-			
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Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2518
Examiner Name	
Attorney Docket Number	AFF.004CSUS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,061,306	05-2000	Buchheim	369/2
	B	US-6,772,212 B1	08-2004	Lau et al.	709/228
	C	US-2005/0049002 A1	03-2005	White et al.	455/556.1
	D	US-2005/0096018 A1	05-2005	White et al.	455/414.1
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Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.064C9US

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		Number and Class <sup>2</sup> of Classes			
	US-	US-2003/008646	12-2002	Shanahan	
	US-	US-2005/0010833	01-2003	Baughan	
	US-	6,507,635	07-2003	Treyz et al.	
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	US-	6,061,306	05-2000	Buchhelm	
	US-	6,053,667	09-1999	Ghisler	
	US-	5,940,767	08-1999	Bourgeois et al.	
	US-	5,870,680	02-1999	Guerlin et al.	
	US-	5,774,793	02-1998	Cooper et al.	
	US-	5,587,580	12-1996	Crooks et al.	
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	US-	6,307,328	04-1994	Osawa	
	US-	4,906,272	02-1990	Van de Mortel et al.	
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**INFORMATION DISCLOSURE  
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Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.004CSUS

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	D1	U.S. Application No. 10/947,754, filed 09/23/2004 (111111.1111-1C)	
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Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	APP.004C9US

* A	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-1,587,835 B1	07-2003	Treyz et al.	705/14
B	US-1,587,835			
C	US-			
D	US-			
E	US-			
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( Not for submission under 37 CFR 1.99)

Application Number	13117507
Filing Date	2011-08-27
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.004CSUS

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,509,716	01-2003	Yi, Sang Yong	320/115
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
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	I	US-			
	J	US-			
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	L	US-			
	M	US-			

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
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	S					
	T					

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*		Include as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages)
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	X	

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



DEC 28 2006

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Not for submission under 37 CFR 1.99)

Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2518
Examiner Name	
Attorney Docket Number	AFF 004C8US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> of record			
	B1	US- 2005/0096018	05/05/05	White et al.	
	B2	US- 2005/0049002	03/05/05	White et al.	
	B3	US- 2002/0023028	02/21/02	Quarendon et al.	
	B4	US- 6,975,835	12/13/05	Lake et al.	
	B5	US- 6,792,615	09/14/04	Rowe et al.	
	B6	US- 6,792,263	09/14/04	Kite Karen	
	B7	US- 6,788,528	09/07/04	Erners et al.	
	B8	US- 6,772,212	08/03/04	Lau et al.	
	B9	US- 6,741,980	05/25/04	Langseth et al.	
	B10	US- 6,671,715	12/30/03	Langseth et al.	
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	B13	US- 6,516,466	05/28/02	Polany, Rany	
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	B15	US- 6,240,297	05/29/01	Jadosl, Marc	
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	B19	US- 5,940,767	08/17/99	Bourgeois et al.	

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Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code <sup>2</sup> Number <sup>2</sup> Kind Code <sup>2</sup> (if known)				
	B21					
	B22					
	B23					
	B24					
	B25					
	B26					

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\* EXAMINER Initials of reference considered, whether or not citation is in conformance with MPEP 906. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
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DEC 29 2006

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Not for submission under 37 CFR 1.99)

Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.004C9US

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	B27	US	5,870,680	02/09/99	Guerin et al.	
	B28	US	5,774,793	06/30/98	Cooper et al.	
	B29	US	5,587,560	12/24/96	Crooks et al.	
	B30	US	5,586,090	12/17/96	Otte, William C.	
	B31	US	5,450,471	09/12/95	Manawa et al.	
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	B35	US				
	B36	US				
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	B38	US				
	B39	US				
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	B41	US				
	B42	US				
	B43	US				
	B44	US				
	B45	US				

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code <sup>3</sup>	Number <sup>4</sup> (and Code <sup>5</sup> if known)				
	B46						
	B47						
	B48						
	B49						
	B50						
	B51						

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DEC 28 2006

PTO/SB/088 (09-03)

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

Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	APP 004C9US

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, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1-B	U.S. Patent No. 60/167,179, filed 11/23/1999	
	2-B	U.S. Patent No. 09/234,259, filed 01/20/1999	
	3-B		
	4-B		
	5-B		
	6-B		
	7-B		
	8-B		
	9-B		
	10-B		

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Check line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
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DEC 28 2006

PTO/SB/088 (08-03)

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

Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF-004C9US

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, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	11-B	"Philips PSA [128MAX," PC Authority Reviews, 1 May 2003, 1 pg.	
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	13-B	"Targa TMU-401," PC Authority Reviews, 8 October 2003, 1 pg.	
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	15-B		
	16-B		
	17-B		
	18-B		
	19-B		
	20-B		

Examiner Signature	Date Considered
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 † Applicant's unique citation designation number (optional). ‡ Applicant is to place a check mark here if English language Translation is attached.  
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Application Number	13117507
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First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.004C8US

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,907,112	06-2005	Guedalia et al.	379/88.17
*	B	US-6,339,708	01-2002	Tillgren et al.	455/419
*	C	US-6,915,272	07-2005	Zilliocus et al.	705/26
	D	US-			
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	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
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**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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Art Unit	2618
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Attorney Docket Number	AFF.004CSUS

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
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*	B	US-6,516,466 B1	02-2003	Jackson	455/3.01
*	C	US-6,721,710 B1	04-2004	Lueck et al.	369/59.21
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	O	10-173737 ✓	06-1998	Japan	Emiko	H04M 1/00
	P	0 898 378 ✓	02-1999	Europe	Ito	H04B 1/20
	Q	1999-024210 ✓	03-1999	Korea	Kim	H04L 12/58
	R	1999-0033726 ✓	05-1999	Korea	Kim	H04B 1/40
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**NON-PATENT DOCUMENTS**

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Art Unit	2618
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Attorney Docket Number	AFF 004C9US

**U.S. PATENT DOCUMENTS**

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	F	US-			
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First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFP.004C5US

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
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D	US-2002/0046084 ✓	04-2002	STEELE et al.	708/14
E	US-6,247,130 ✓	06-2001	Fritsch, Bernhard	713/171
F	US-6,407,750 ✓	06-2002	Gioscia et al.	345/716
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K	US-			
L	US-			
M	US-			

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Attorney Docket Number	AFF 004C8US

## U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
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	C	US-6,014,569 ✓	01-2000	Bottum, Joshua	370/913
	D	US-6,088,730 ✓	07-2000	Kato et al.	455/556
	E	US-6,236,832 ✓	05-2001	Ito, Seigo	455/3.05
	F	US-5,594,779 ✓	01-1997	Goodman, William	455/3.04
	G	US-6,167,253 ✓	12-2000	Farris et al.	455/412
	H	US-5,694,120 ✓	12-1997	Indekeu et al.	340/7.23
	I	US-6,029,064 ✓	02-2000	Farris et al.	455/412
	J	US-6,144,848 ✓	11-2000	Walsh et al.	235/379
	K	US-			
	L	US-			
	M	US-			

## FOREIGN PATENT DOCUMENTS

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Attorney Docket Number		AFF.004CSUS

3	Affinity Labs of Texas, LLC, Plaintiff, v. Apple, Inc., Defendant, C.A. No. 9:09-cv-00047-RC (Eastern District of Texas), Complaint (pages 1-7), with Exhibits A, B and C, Filed March 24, 2009, 76 pages in total.	<input type="checkbox"/>
If you wish to add additional non-patent literature document citation information please click the Add button		
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<small> <sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="http://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.                 </small>		

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (04-09)

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First Named Inventor	Russell W. White
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Examiner Name	
Attorney Docket Number	AFF.064C9US

**U.S. PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6349352		2002-02-19	Lea	
	2	6697944		2004-02-24	Jones, et al.	
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	5	5327558		1994-07-05	Burke, et al.	
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**U.S. PATENT APPLICATION PUBLICATIONS**

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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First Named Inventor	Russell W. White
Art Unit	2518
Examiner Name	
Attorney Docket Number	AFF 004CBUS

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	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	FP		1998-06-02			<input type="checkbox"/>
	7	3056721	FP		1998-12-02			<input type="checkbox"/>
	8	WO 99/05910	WO		1999-02-11	Ludtke, Harold A.		<input type="checkbox"/>

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First Named Inventor	Russell W. White
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Attorney Docket Number	AFF 004C5US

9	11-73192	JP		1999-03-16			<input type="checkbox"/>
10	3890692	JP		2006-12-15			<input type="checkbox"/>
11	WO 99/12152	WO		1999-11-03	Sony Corporation		<input type="checkbox"/>
12	EP 0 920 016 A2	EP		1999-02-06	Sony Corporation		<input type="checkbox"/>
13	11-219580	JP		1999-08-10			<input type="checkbox"/>
14	EP 0 918 408 A2	EP		1999-05-26	Sony Corporation		<input type="checkbox"/>
15	11-143791	JP		1999-05-28			<input type="checkbox"/>
16	2007-207257	JP		2007-08-16			<input type="checkbox"/>
17	DE 20 2004 013 65	DE		2004-12-23	Boll, Nobert		<input type="checkbox"/>
18	WO 99/35009	WO		1999-07-15	Microsoft Corporation		<input type="checkbox"/>
19	2001-128280	JP		2001-05-11			<input type="checkbox"/>

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20	KR20000038680	KR		2000-07-05	Kee Kang Choon	<input type="checkbox"/>
21	10-1997-0016743	KR		1997-04-30		<input type="checkbox"/>
22	20-1997-0012254	KR		1997-05-28		<input type="checkbox"/>
23	WO 99/23858	WO		1999-05-14	Mershon, Stuart	<input type="checkbox"/>
24	WO 99/28997	WO		1999-06-10	Voquette Networks, LTD.	<input type="checkbox"/>
25	1999-0055970	KR		1999-07-15		<input type="checkbox"/>
26	100242563 B1	KR		1999-10-11	Kim, Joon Sung	<input type="checkbox"/>
27	EP 0 982 732 A1	EP		2000-01-03	Saehan Information Systems, Inc.	<input type="checkbox"/>
28	10-0356742	KR		2002-10-18	Hyundai Autonet, Co. Ltd.	<input type="checkbox"/>
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	44	WO 94/18763	WO		1994-08-18	Gutle, Hubert		<input type="checkbox"/>
	45	WO 98/21672	WO		1998-05-22	Inergy Online, Inc.		<input type="checkbox"/>
	46	WO 98/33102	WO		1998-07-30	Guimaraes Teixeira		<input type="checkbox"/>
	47	WO 99/18518	WO		1999-04-15	Polash, Peter		<input type="checkbox"/>
	48	WO 00/07849	WO		2000-02-17	Microsoft Corporation		<input type="checkbox"/>
	49	11-317061	WO		1999-11-16			<input type="checkbox"/>
	50	2901445	JP		1999-03-19			<input type="checkbox"/>

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1	DANIEL KUMIN, Stereo Review, "Jukebox Heaven," January 1999, pages 64-71.	<input type="checkbox"/>
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3	Sony webpages in Japanese, "Portable Mini Disc Player MD Recorder," July 21, 1996, pages 1-5.	<input type="checkbox"/>
4	Sony, "MD Walkman Operating Instructions - MZ-R4ST," 1996, pages 1-64.	<input type="checkbox"/>
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21	Sony, "Walkman MZ-R50 Recorder," October 1997 7 pages total.	<input type="checkbox"/>
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24	English Summary, "A device for remotely controlling a car device for playing mp3 files is disclosed....", 1 page.	<input type="checkbox"/>
25	FRANKLIN N. TESSLER, MACWORLD, "Mobile MAC, Highway Fidelity," June 2004, pages 1-3.	<input type="checkbox"/>
26	BARRY COLLINS, The Sunday Times, "High-class high-tech - Buyer's guide," 2001, 2 pages total.	<input type="checkbox"/>
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28	JVC, "MD-CD Combination Deck, XU-301BK, Instructions," pages 1-59.	<input type="checkbox"/>
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33	Twice, "PhatNoise Readies MP3," November 5, 2001, 1 page.	<input type="checkbox"/>

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34	KEVIN SAVETZ, The Washington Post, "Putting Your MP3 Collection in Drive (Final Edition)," August 10, 2001, pages 1-3.	<input type="checkbox"/>
35	Twice, "Study Sees Retail Opportunities For Mobile Multimedia," Volume 14, Issue 15, June 28, 1999, pages 1-2.	<input type="checkbox"/>
36	Japanese Webpage, www.kcalgo.kr/jsp/main.jsp, 1 page.	<input type="checkbox"/>
37	Japanese Webpage, www.kca.go.kr - Brochure Free - Microsoft Internet Explorer, 1 page.	<input type="checkbox"/>
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39	STEPHEN KEMPAINEN, EDN Access For Design, By Design "In-car computing gets personal," August 17, 1998, pages 1-7.	<input type="checkbox"/>
40	Japanese Website, MM MPMANIA.com, http://mpmania, x-y.net/bbs/zboard.php?id=products&keyword=1998, 1 page.	<input type="checkbox"/>
41	Japanese document regarding MP3, May 1999, 1 page.	<input type="checkbox"/>
42	MPMan, "The portable MP3 player using the Flash Memory and Memory card - MP-F20," in Japanese, pages 1-34.	<input type="checkbox"/>
43	Japanese Website, MM MPMANIA.com, http://mpmania, x-y.net/bbs/view.php?id=products&page=1&sn1=&divpage, 1 page.	<input type="checkbox"/>
44	www.mpmam.com, "MP-F30, User's Guide," pages 2-47.	<input type="checkbox"/>

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45	MARK MOELLER, Computing Unplugged Magazine, "Software Review, New software products for the Auto PC," 1999-2009, Zatz Publishing, pages 1-4.	<input type="checkbox"/>
46	MARK MOELLER, Computing Unplugged Magazine, "Auto PC Power, A survey of resources for Auto PC owners," 1999-2009, Zatz Publishing, pages 1-5.	<input type="checkbox"/>
47	MARK MOELLER, Computing Unplugged Magazine, "Auto PC Power, A look at the first year of the Auto PC with Microsoft," 1999-2009, Zatz Publishing, pages 1-5.	<input type="checkbox"/>
48	MARK MOELLER, Computing Unplugged Magazine, "Auto PC Power, Next generation AutoPCs make a big debut at CES," 1999-2009, Zatz Publishing, pages 1-6.	<input type="checkbox"/>
49	MARK MOELLER, Computing Unplugged Magazine, "Programming Power, Getting started developing software for the Auto PC," 1999-2009, Zatz Publishing, pages 1-5.	<input type="checkbox"/>
50	MARK MOELLER, Computing Unplugged Magazine, "Behind the Scenes, The AutoPC: Vision vs. Reality," 1999-2009, Zatz Publishing, pages 1-7.	<input type="checkbox"/>

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4	H11-242686	JP		1999-09-07	Sony Corporation	<input type="checkbox"/>
5	DE 44 31 070 B4	DE		2004-07-22	DaimlerChrysler AG	<input type="checkbox"/>
6	0 569 343 A1	EP		1993-10-11	Pioneer Electronic Corporation	<input type="checkbox"/>
7	0 675 341 A1	EP		1995-04-10	Honda Giken Kogyo	<input type="checkbox"/>
8	0 771 686 A2	EP		1997-07-05	Toyota Jidosha Kabushiki Kaisha Toyota-shi, Aichi-	<input type="checkbox"/>
9	H4-261576	JP		1992-09-17	Mitsubishi Electric Corporation	<input type="checkbox"/>
10	2-301330	JP		1990-12-13		<input type="checkbox"/>
11	5-294250	JP		1993-11-09		<input type="checkbox"/>
12	6-187597	JP		1994-07-08		<input type="checkbox"/>
13	JP6289118	JP		1994-10-18	Sega Enterprises KK	<input type="checkbox"/>
14	JP6294859	JP		1994-10-21	Dainippon Printing Co. LTD.	<input type="checkbox"/>

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15	07-129895	JP		1995-05-19	Honda Motor Co Ltd	<input type="checkbox"/>
16	07-146155	JP		1995-06-06	Honda Motor Co Ltd	<input type="checkbox"/>
17	7-262493	JP		1995-10-13	CSK Corporation	<input type="checkbox"/>
18	7-262493	JP		1996-10-13		<input type="checkbox"/>
19	JP7270171	JP		1995-10-20	Sumitomo Electronic Industries	<input type="checkbox"/>
20	JP7036382	JP		1995-02-07	Mitsubishi Electric Corp.	<input type="checkbox"/>
21	8-110231	JP		1996-04-30		<input type="checkbox"/>
22	9-61614	JP		1997-03-07		<input type="checkbox"/>
23	10-103966	JP		1998-04-24		<input type="checkbox"/>
24	10-143348	JP		1998-05-29	Compaq Computer Corporation	<input type="checkbox"/>
25	JP1018712	JP		1989-01-23	Mazda Motor	<input type="checkbox"/>

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26	JP5077579	JP		1993-03-30	Nissan Motor	<input type="checkbox"/>
27	JP59085599	JP		1984-05-17	Nissan Motor	<input type="checkbox"/>
28	JP63136828	JP		1985-05-09	Pioneer Electronic Corp.	<input type="checkbox"/>
29	63-136828	JP		1988-06-09		<input type="checkbox"/>
30	WO 86/04724	WO		1996-02-15	Emerson, Harry	<input type="checkbox"/>
31	WO 95/07110	WO		1996-03-07	British Telecommunications Public Limited Company	<input type="checkbox"/>
32	WO 97/13657	WO		1997-04-17	United Technologies Automotive, Inc.	<input type="checkbox"/>
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39	11-068685	JP		1999-09-03	Sony Corp	<input type="checkbox"/>
40	1998-052033	JP		1998-09-25		<input type="checkbox"/>
41	1999-0042565	JP		1999-06-15		<input type="checkbox"/>
42	1999-0073234	KR		1999-10-05	Young-Man Lee	<input type="checkbox"/>
43	1999-0048723	KR		1999-07-05		<input type="checkbox"/>
44	KR2019990022030U	KR		1999-06-25	Young-Shik Cheen	<input type="checkbox"/>
45	2000-0001465	KR		2000-01-25	Samsung Motors	<input type="checkbox"/>
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47	WO 98/21672	WO		1998-05-22	Inergy Online, Inc.	<input type="checkbox"/>

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48	WO 98/47252	WO	1998-10-22	Stern, Geoffrey	<input type="checkbox"/>
49	WO 00/54187	WO	2000-09-14	Rock, Com, Inc.	<input type="checkbox"/>
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	1	Affinity Labs of Texas, LLC, Plaintiff, v. BMW North America, LLC, et al, Defendants, Case No. 9:08-cv-00164-RC, Defendant Volkswagen Group of America, Inc's Invalidity Contentions, Pages 1-346.	<input type="checkbox"/>

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3	U.S. Patent And Trademark Office, Issue Notification in patent application serial no. 10/947,754, 1 page.	<input type="checkbox"/>
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number	13117507
	Filing Date	2011-05-27
	First Named Inventor	Russell W. White
	Art Unit	2618
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	1	5835732		1998-11-10	Kikiris, et al.	
	2	6396164		2002-05-28	Bamea, et al.	
	3	6407750		2002-06-18	Gioscia, et al.	
	4	6421305		2002-07-16	Gioscia, et al.	

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Examiner Name	
Attorney Docket Number	AFF.004C9US

1	EP0982732 A1	EP		2000-01-03	Saehan Information Systems, Inc.	<input checked="" type="checkbox"/>
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1		Yamaha Corporation, "QY Data Filer - Owner's Manual," pages 1-250, 1997.	<input type="checkbox"/>

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	1	7711838		2010-05-04	Souther	

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	1	DE 101 01 702 A1	DE		2001-01-15	Plegge, Frank et al.		<input type="checkbox"/>

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1	GSM 03.64 version 6.0.1 Release 1997, TS 101 350 V6.0.1, 42 pages, Aug. 1998	<input type="checkbox"/>
2	NOVAK, DRUCE and QUIGG, LLP, Third Party Requester's Comments To Patent Owner's Reply Of September 14, 2010 Pursuant To 37 C.F.R. 1.947 with Exhibits A-E, mailed December 20, 2010, in U.S. Patent Reexamination No. 95/010,333.	<input type="checkbox"/>
3	Declaration of Scott Andrews Under 37 C.F.R. 1.132 with Exhibits A-C, submitted with Comments of Requester, Volkswagen Group of America, Inc., Pursuant to 37 CFR 1.947, mailed February 11, 2011, in U.S. Patent Reexamination No. 95/001,281.	<input type="checkbox"/>
4	Declaration of Dr. DeWayne Perry Under 37 C.F.R. 1.132 with Exhibits A-P, submitted with Comments of Requester, Volkswagen Group of America, Inc., Pursuant to 37 CFR 1.947, mailed February 11, 2011, in U.S. Patent Reexamination No. 95/001,281.	<input type="checkbox"/>
5	"Handbook for the WorkPad c3 PD Companion" 3Com Corporation, 1998, 240 pages.	<input type="checkbox"/>
6	"IEEE 100 The Authoritative Dictionary of IEEE Standards Terms, Seventh Edition" Published by Standards Information Network, IEEE Press, 2000, pages 357 and 394.	<input type="checkbox"/>
7	KENYON & KENYON LLP, Comments Of Requester, Volkswagen Group of America, Inc., Pursuant to 37 CFR 1.947, mailed February 11, 2011, with Claims Charts (pages 1-46) and Exhibits 1-11 in U.S. Patent Reexamination No. 95/001,281.	<input type="checkbox"/>
8	KENYON & KENYON LLP, Comments of Requester, Volkswagen Group of America, Inc., Pursuant to 37 C.F.R. 1.947 mailed December 20, 2010 in U.S. Patent Reexamination No. 95/001,233 (merged with 95/010,333 and 95/001,284), with Claims Charts (pages 1-80) and Exhibits 1-11.	<input type="checkbox"/>
9	Declaration of Scott Andrews Under 37 C.F.R. 1.132 with Exhibits A-C, submitted with Comments of Requester, Volkswagen Group of America, Inc., Pursuant to 37 CFR 1.947, mailed December 20, 2010, in U.S. Patent Reexamination No. 95/001,233.	<input type="checkbox"/>

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1	The Rio 500 Getting Started Guide, 1999, pp. 1-2.	<input type="checkbox"/>
2	"Viatec's Mobile Office Solutions Give Busy Commuters More of What They Need - Time," Canada Newswire, Sept. 15, 1999, 3 pages.	<input type="checkbox"/>
3	Hill, "RIAA Sues Napster, Claiming 'Music Piracy'," MTV News, Dec. 8, 1999, 3 pages.	<input type="checkbox"/>
4	Sony VAIO Notebook Computer User Guide PCG-731/PCG-735, 1998, pp. 1-131.	<input type="checkbox"/>
5	Sony VAIO Notebook Computer User Guide PCG-812, 1998, pp. 1-144.	<input type="checkbox"/>
6	Sony VAIO Notebook Computer User Guide PCG-838, 1999, pp. 1-121.	<input type="checkbox"/>
7	Sony Service Manual PCG-731/735/737, 1997, pp. 1-22.	<input type="checkbox"/>
8	Sony Service Manual PCG-723/729, 1998, pp. 1-22.	<input type="checkbox"/>
9	Boehari, "Artists to Napster: Drop Dead" Salon.com, Mar. 24, 2000, 3 pages.	<input type="checkbox"/>
10	Sony Service Manual PCG-812/818, 1998, pp. 1 - 22.	<input type="checkbox"/>
11	Sony Service Manual PCG-838, 1999, pp. 1 - 22.	<input type="checkbox"/>

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12	"Digital Download Provider Musicmaker.com Partners With Download Directory Listen.com; Offers Nearly 100,000 Downloadable Tracks Via the Online Directory," PR Newswire, Sept. 15, 1999, pp. 1-3.	<input type="checkbox"/>
13	MP3.com prospectus, Jul. 21, 1999, pp. 1 - 81.	<input type="checkbox"/>
14	Ana Orubeondo, "Trim AirCard 300 Eases Power Demands," InfoWorld, Volume 21, Issue 48, Nov. 29, 1999, pg 48 & 50.	<input type="checkbox"/>
15	"Net Music Firms to Tap Public Market," Billboard, Jul. 17, 1999, pp. 1 - 2.	<input type="checkbox"/>
16	"Cellular for Notebook PCs," CIO Vol. 13, No. 1, Oct. 1, 1999, pg. 90.	<input type="checkbox"/>
17	"Briefs," Network World, Volume 16, no. 24, Aug. 23, 1999, pg. 27.	<input type="checkbox"/>
18	The MusicMatch.com website (date unknown, contended by defendant Apple Corp. to be prior art under one or more of 35 U.S.C. 102 (a), (b), (f) and (g)); 32 pages.	<input type="checkbox"/>
19	The MusicMaker.com website (date unknown, contended by defendant Apple Corp. to be prior art under one or more of 35 U.S.C. 102 (a), (b), (f) and (g)); 16 pages.	<input type="checkbox"/>
20	Qualcomm QCP-1360 User Manual, Apr. 1999, pp. 1 - 76.	<input type="checkbox"/>
21	Samsung SCH-3500 User Manual, 1999, pp. 1 - 108.	<input type="checkbox"/>
22	Motorola Digital StarTAC User Guide, Mar. 1999, pp. 1 - 118.	<input type="checkbox"/>

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23	Nokia 9110 Quick Guide/Accessories Guide, 1999, pp. 1-31.	<input type="checkbox"/>
24	"MP3.com and i-drive.com Join Forces to Store and Manage MP3 Files," Business Wire, Oct. 7, 1999, pp. 1-3.	<input type="checkbox"/>
25	Nomad User Guide, Jan. 1999, pp. 1-34.	<input type="checkbox"/>
26	Nomad II Getting Started Manual, Jan. 2000, pp. 1 - 38.	<input type="checkbox"/>
27	GSM 03.64 version 6.2.0 Release 1997, European Telecommunications Standards Institute, 1999, pp. 1 - 42.	<input type="checkbox"/>
28	The i-Drive.com website (date unknown, contended by defendant Apple Corp. to be prior art under one or more of 35 U.S.C. 102 (a), (b), (f) and (g)) 8 pages.	<input type="checkbox"/>
29	GSM 03.64 version 7.0.0 Release 1997, European Telecommunications Standards Institute, 1999, pp. 1-42.	<input type="checkbox"/>
30		<input type="checkbox"/>
31	Riocar.org, "rio car dot org Geek Guide," empeg car Mk. 1, July 18, 2010, 4 pages.	<input type="checkbox"/>
32	The MP3.com website (date unknown, contended by defendant Apple Corp. to be prior art under one or more of 35 U.S.C. 102 (a), (b), (f) and (g)) Screenshots from MP3.com website (date unknown, contended by defendant Apple Corp. to be prior art under one or more of 35 U.S.C. 102 (a), (b), (f) and (g)). 8 pages.	<input type="checkbox"/>
33	MP3.com and i-drive.com Join Forces to Store and Manage MP3 Files, Business Wire, Oct. 7, 1999, pp. 1-3.	<input type="checkbox"/>

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34	The EMusic.com website (formerly www.goodnoise.com) (date unknown, contended by defendant Apple Corp. to be prior art under one or more of 35 U.S.C. 102 (a), (b), (f) and (g)) 2 pages.	<input type="checkbox"/>
35	EMusic.com prospectus, Sept. 24, 1999, pp. 1 - 61, F1 - F41.	<input type="checkbox"/>
36	"Logging On, Setting Sound Free From the CD," The Washington Post, Mar. 3, 2000, pp. 1-3.	<input type="checkbox"/>
37	"Music Factory: Retailers Struggle to Expand Listening Options Online," Contra Costa Times Mar. 19, 2000, pp. 1- 2.	<input type="checkbox"/>
38	The MyPlay.com website (date unknown, contended by defendant Apple Corp. to be prior art under one or more of 35 U.S.C. 102 (a), (b), (f) and (g)) 1 page.	<input type="checkbox"/>
39	Myplay.com Launches Today, PR Newswire, Oct. 13, 1999, pp. 1-2.	<input type="checkbox"/>
40	Myplay, Inc. Launches Consumer Online Music Service, PR Newswire, Oct. 13, 1999, pp. 1-3.	<input type="checkbox"/>
41	Empag.com, "Does Your Car Stereo Run Linux," (date unknown, contended by defendant Apple Corp. to be prior art under one or more of 35 U.S.C. 102 (a), (b), (f) and (g)). 2 pages.	<input type="checkbox"/>
42	TIA/EIA Interim Standard, Cellular Digital Packet Data, System Specification - Part 403, Mobile Data Link Protocol, Telecommunications Industry Association, Dec. 1997, 63 pages.	<input type="checkbox"/>
43	"The Listen Up Player from Audio Highway" 1996. 1 page.	<input type="checkbox"/>
44	"Audio Highway Announces The Listen Up Player," Audio Highway Press Release, Sept. 23, 1996, 2 pages.	<input type="checkbox"/>

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Application Number		13117537
Filing Date		2011-05-27
First Named Inventor	Russell W. White	
Art Unit	2618	
Examiner Name		
Attorney Docket Number		AFF.004C9US

45	MPMan F-10 and F-20 digital audio players and review article "MP3 Player Saehan MPMan F20 Review", X-bit labs, July 14, 1999, 6 pages.	<input type="checkbox"/>
46	Menta, "RIAA Sues Music Startup Napster for \$20 Billion" Newswire, Jan. 11, 2000, 4 pages.	<input type="checkbox"/>

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**U.S.PATENTS**

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	1	6248946		2001-06-19	Dwek	
	2	5572442		1995-11-05	Schulhof	
	3	6336044		2002-01-08	Cook	
	4	5797089		1998-08-18	Nguyen	
	5	6330247		2001-12-11	Chang	
	6	5737706		1998-04-07	Seazholtz	

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1	20010042107	2001-11-15	Palm
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	1	Sony Corporation, Sony Portable MiniDisc Recorder MZ-R90/MZ-R91 Operating Instructions, Doc. No. 3-867-571-22(1), 1999, pp. 1-55.	<input type="checkbox"/>
	2	Empeg Car User Guide, 1999, pp. 1-19.	<input type="checkbox"/>
	3	Empeg Car User Guide (2000) pp. 1-48	<input type="checkbox"/>
	4	Crowe, Mike. Empeg Car Beta 10s, March 25, 2000, 3 pages.	<input type="checkbox"/>
	5	Emplode Help, (date unknown, contended by defendant Apple Corp. to be prior art under one or more of 35 U.S.C. 102 (a), (b), (f) and (g)) 25 pages.	<input type="checkbox"/>

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6	"MP3 Portable Player Goes Elite" The Mac Observer, Nov. 17, 1999, 3 pages.	<input type="checkbox"/>
7	"MP3 in Your Car Has Arrived" (date unknown, contended by defendant Apple Corp. to be prior art under one or more of 35 U.S.C. 102 (a), (b), (f) and (g)) 1 page.	<input type="checkbox"/>
8	Photos from Comdex Fall 1999, Nov. 1999, 9 pages.	<input type="checkbox"/>
9	Photos from LinuxWorld Expo, Winter 1999, Mar. 1-4, 1999, 22 pages.	<input type="checkbox"/>
10	Craig Knudsen, "MP3 Linux Players," Linux Journal, Jul. 1, 1999, pp. 1-3.	<input type="checkbox"/>
11	riocar.org -- Empeg Car History, (date unknown, contended by defendant Apple Corp. to be prior art under one or more of 35 U.S.C. 102 (a), (b), (f) and (g)), 4 pages.	<input type="checkbox"/>
12	"Visteon: For Your Listening Pleasure - Any Music, Any Time, Anywhere," Presswire, Jan. 5, 2000, 1 page.	<input type="checkbox"/>
13	Photographs in email to Hugo Finnes, Sept. 22, 1999, 4 pages.	<input type="checkbox"/>
14	HP Jornada 420 User's Manual, 1999, pp. 1-142.	<input type="checkbox"/>
15	IEEE Standard 802.11b, 1999 Edition (Wireless LAN Medium Access Control and Physical Layer Specifications: Higher-Speed Physical Layer Extension in the 2.4 GHz Band) Sep. 16, 1999, 96 pages.	<input type="checkbox"/>
16	RealPlayer Plus G2 Manual, 1999, pp. 1-81.	<input type="checkbox"/>



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17	IEEE Standard 802.11a, 1999 Edition (Wireless LAN Medium Access Control and Physical Layer Specifications: High-Speed Physical Layer in the 5GHz Band), 1999, 91 pages.	<input type="checkbox"/>
18	Rod Underhill & Nat Gerler, "The Complete Idiot's Guide to MP3: Music on the Internet," 1999, 44 pages.	<input type="checkbox"/>
19	Bill Mann, "I Want My MP3! How to Download, Rip, & Play Digital Music," McGraw-Hill 2000, 175 pages.	<input type="checkbox"/>
20	IEEE Standard 802.11, 1997 Edition (Wireless LAN Medium Access Control and Physical Layer Specifications), 1997, pp. 1-145.	<input type="checkbox"/>
21	Rio 800 User Guide, March 2001, pp. 1-38.	<input type="checkbox"/>
22	IBM Wireless Modem for Cellular/CORD - Quick Reference, Oct. 1995, pp. 1-20.	<input type="checkbox"/>
23	Creative Sound Blaster Live! Platinum product, documentation, and software: Creative Technology Ltd., Creative Sound Blaster Live! Platinum Getting Started, Sept. 1999, 83 pages.	<input type="checkbox"/>
24	psa[play Getting Started Guide, (date unknown, contended by defendant Apple Corp. to be prior art under one or more of 35 U.S.C. 102 (a), (b), (f) and (g)), pp. 1-16.	<input type="checkbox"/>
25	psa[play Getting Started Guide, 2000, pp. 1-16.	<input type="checkbox"/>
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27	Rio 800 Digital Audio Player—Getting Started, 2000, pp. 1-19.	<input type="checkbox"/>

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28	Rio 600 Getting Started Guide, 2001, pp. 1-169.	<input type="checkbox"/>
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Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2518
Examiner Name	
Attorney Docket Number	AFF.004CBUS

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9	6007228		1999-12-28	Agarwal	
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	1	EP 0744839	EP		1986-11-27	Grews		<input type="checkbox"/>
	2	H08-6875	JP		1986-01-12	Taishinji		<input checked="" type="checkbox"/>
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4	H11-164058	JP	1999-05-18	Sato	<input checked="" type="checkbox"/>
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	1	Affinity Labs of Texas, LLC, v. BMW North America, LLC, et al., Civil Action No. 9:08CV164, Order Denying Defendant's Motion For Summary Judgment of Non-Infringement of the '833 Patent, filed October 07, 2010, pages 1 - 5.	<input type="checkbox"/>
	2	Affinity Labs of Texas, LLC, v. Hyundai Motor America, Inc.; Hyundai Motor Manufacturing Alabama LLC.; Volkswagen Group of America, Inc.; and Kia Motors America, Inc., Civil Action No. 9:08CV164, Jury Verdict Form, filed October 28, 2010, pages 1 - 16.	<input type="checkbox"/>
	3	Affinity Labs of Texas, LLC, vs. BMW North America, LLC, et al., Docket 9:08CV164, October 27, 2010, Volume 8 of _____, Pages 2100 Through 2633, Reporter's Transcript of Jury Trial, pages 1 - 88.	<input type="checkbox"/>
	4	Affinity Labs of Texas, LLC, vs. BMW North America, LLC, et al., Docket 9:08CV164, October 28, 2010, Volume 9 of 9, Pages 2634 Through 2924, Reporter's Transcript of Jury Trial, pages 1 - 19.	<input type="checkbox"/>
	5	Affinity Labs of Texas, LLC, Plaintiff and Counter-Claim Defendant, vs. Apple Inc., Defendant and Counter-Claim Plaintiff, Case No. 09-4436-CW, Apple Inc.'s First Invalidity Contentions Pursuant To Patent Local Rule 3-3, filed January 5, 2011, pages 1-25, with accompanying Appendixes A-G.	<input type="checkbox"/>

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	1	JP 3056721	JP		1998-12-02			<input type="checkbox"/>
	2	JP 10-356742	JP		2002-10-02			<input type="checkbox"/>

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

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Attorney Docket Number	AFF 004C5US

	x	U.S. Patent and Trademark Office, Office Action in Inter Partes Reexamination of Patent No. 7440772, Reexamination Control No. 95001265, Office Action issued on August 2, 2010, 14 pages.	<input type="checkbox"/>
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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"/>
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<p><small>* See Kind Codes of USPTO Patent Documents at <a href="http://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. * Enter office that issued the document, by the two-letter code (WIPO Standard SY.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. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard SY.10 if possible. * Applicant is to place a check mark here if English language translation is attached.</small></p>		

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	1	20010042107		2001-11-15	Palm	

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	1	AFFINITY LABS OF TEXAS, LLC, Plaintiff, v., BMW NORTH AMERICA, LLC, et al., Civil Action No. 9:08CV184, 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. 7,834,228, 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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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"/>
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17	PANASONIC, "Portable DVD/Video CD/CD Player, Operating instructions, DVC-L10D," 1998, Pages 1-64.	<input type="checkbox"/>
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19	CLARION Car Audio and Beyond, "1998 Car Audio & Security Product," 1998, 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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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," Automedia, 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, <a href="http://web.archive.org/web/19990430033318/www.empeg.com/main.html">http://web.archive.org/web/19990430033318/www.empeg.com/main.html</a> , April 30, 1999, one page.	<input type="checkbox"/>

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30	CLARION AutoPC, "Frequently Asked Questions," 1998, Pages 1-3.	<input type="checkbox"/>
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32	STEREOPHILE, "Claron 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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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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**INFORMATION DISCLOSURE  
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 ( Not for submission under 37 CFR 1.99)

Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.004C9US

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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
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	2	6975835		2005-12-13	Lake, et al.	
	3	6966833		2005-10-18	Yukie, et al.	
	4	6918272		2005-07-05	Zilicau	
	5	6907112		2005-06-14	Guorbala, et al.	
	6	6792815		2004-09-14	Rowe, et al.	
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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	Trayz, et al.	
15	6516486		2003-02-04	Jackson	
16	6510210		2003-01-21	Baughan	
17	6509716		2003-01-21	Yi	
18	6496692		2002-12-17	Shanahan	
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20	6420975	2002-07-16	DeLine, et al.
21	6418138	2002-07-09	Cerf, et al.
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34	6088730		2000-07-11	Kato, et al.	
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38	5953657		1999-09-14	Ghieler	
39	5953005		1999-09-14	Liu	
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42	5870880		1999-02-09	Guerin, et al.
43	5774793		1998-06-30	Cooper, et al.
44	5694120		1997-12-02	Indekeu, et al.
48	5594779		1997-01-14	Goodman

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	2	20040078274		2004-04-22	Azmie	
	3	20030008646		2003-01-09	Shanahan	
	4	20020046084		2002-04-18	Steele, et al.	
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	4	6571282		2003-05-27	Bowman-Arnuaah	
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9	6529909		2003-03-04	Bowman-Amuah	
10	6602213		2002-12-31	Bowman-Amuah	
11	6601832		2002-12-31	Bowman-Amuah	
12	6498860		2002-12-17	Bowman-Amuah	
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16	6438694		2002-08-20	Bowman-Amuah	
17	6434628		2002-08-13	Bowman-Amuah	
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21	6332183	2001-12-18	Bowman-Amush
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23	6253061	2001-06-26	Heiferich
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25	6122403	2000-09-19	Rhoads
26	5996526	1999-12-07	Krishnaswamy, et al.
27	5867494	1999-02-02	Krishnaswamy, et al.
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Attorney Docket Number	AFF.004C9LJS

31	7145898		2006-12-05	Elliott	
32	7130607		2006-10-31	Mikurak	
33	7124101		2006-10-17	Mikurak	
34	6978127		2005-10-20	Burhuis, et al.	
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36	6904449		2005-06-07	Quinones	
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38	6888929		2005-05-03	Saylor, et al.	
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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
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Doc description: Information Disclosure Statement (IDS) Filed

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	5	6606680		2003-08-12	Bowman-Amuah	
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18	5870660		1998-02-09	Guerin, et al.	
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	1	H08-79814	JP		1996-03-27	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"/>
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Attorney Docket Number	AFF.064C9US

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	1	WO 00/70523	WO		2000-11-23	Digimarc Corporation		<input type="checkbox"/>

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	1	Nokia 9110 Communicator User Manual, Copyright 1999.	<input type="checkbox"/>
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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"/>
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"/>
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Doc description: Information Disclosure Statement (IDS) Filed

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Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.004C9US

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	1	5539658		1998-07-23	McCullough, Timothy L.		
	2	6675233		2004-01-26	Du		

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	1	20030128335		2003-07-03	Sevester, Keian C.		

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	1	DE 19 651 308 A1	DE		1996-10-12	Becker GmbH		<input type="checkbox"/>

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First Named Inventor	Russell W. White	
Art Unit	2618	
Examiner Name		
Attorney Docket Number	AFF.004C9US	

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	1	"Universal Serial Bus Specification," Revision 1.1, September 23, 1998, pages 9-106.	<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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Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.004CSUS

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

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

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( Not for submission under 37 CFR 1.99)

Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.00409US

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

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Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.004CSUS

**U.S. PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5539638		1996-07-23	McCullough, Timothy L.	
	2	6675233		2004-01-26	Du	
	3	6681120		2004-01-20	Kim, Ki, II	

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	1	20030128335		2003-07-03	Silvester, Kelvin, C.	

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	1	DE 19 651 308 A1	DE		1996-10-12	Becker GmbH		<input type="checkbox"/>

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Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2518
Examiner Name	
Attorney Docket Number	AFF.004C9US

2	EP 333330 A1	EP		1989-02-17	Pudsey, David Graham	<input type="checkbox"/>
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	4	The United States Patent and Trademark Office, Office Action Mailed November 12, 2009 in related patent application serial no. 12/015,320.	<input type="checkbox"/>
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		13117507
	Filing Date		2011-05-27
	First Named Inventor	Russell W. White	
	Art Unit	2618	
	Examiner Name		
	Attorney Docket Number	AFF.004C9US	

U.S. PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6622083		2003-09-16	Knockheart, et al.	

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Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
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STATEMENT BY APPLICANT**  
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Application Number		13117507
Filing Date		2011-05-27
First Named Inventor	Russell W. White	
Art Unit	2618	
Examiner Name		
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<p><small><sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="http://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.</small></p>		

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Application Number	13117507
Filing Date	2011-05-27
First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	APF 004C9US

**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	7065342		2006-06-20	Rolf	
	2	6845398		2005-01-18	Galensky, et al.	
	3	6185491		2001-02-06	Gray, et al.	
	4	6178514		2001-01-23	Wood	
	5	6006115		1999-12-21	Wingate	

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Application Number	13117507
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First Named Inventor	Russell W. White
Art Unit	2618
Examiner Name	
Attorney Docket Number	AFF.504C8US

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	1	EP 1 146 874 A2	EP		2001-10-17	Mazda Motor Corporation		<input type="checkbox"/>
	2	DE 102 05 641 A 1	DE		2002-02-12	Volkswagen AG		<input checked="" type="checkbox"/>

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	1	"Request for Inter Partes Reexamination Of U.S. Patent No. 7,324,833 Pursuant To 37 CFR 1.915," Requestor: Volkswagen Group of America, Inc., Filed on August 21, 2009, Pages 1-61 with Certificate of Mailing, and Claim Charts A - HH.	<input type="checkbox"/>
	2	YAMAHA CORPORATION, "Yamaha Music Sequencer, QY70, Owner's Manual," Chapters 1-11, 1997.	<input type="checkbox"/>
	3	MULTI TECHNOLOGY EQUIPMENT, "Neo Car Jukebox, Installation and Instruction Manual," Pages 1-30.	<input type="checkbox"/>

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Doc description: Information Disclosure Statement (IDS) Filed

PTC/88/09a (01-19)

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First Named Inventor	Russell W. White
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Examiner Name	
Attorney Docket Number	AFF.004C9US

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	1	5797089		1998-06-18	Nguyen, et al.	
	2	5991640		1999-11-23	Lilja, et al.	
	3	6338044		2002-01-08	Cook, et al.	
	4	7549007		2009-06-16	Smith, et al.	
	5	7139628		2006-11-21	Kataoka, et al.	
	6	5952775		1998-12-22	Hidary	
	7	5889852		1999-03-30	Rosecrants, et al.	
	8	6007228		1999-12-28	Agarwal, et al.	

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Applicants:	Russell W. White, et al.	§	Group Art Unit:	2618
		§		
Serial No.:	13/117,507	§		
		§	Examiner:	Unassigned
Filed:	May 27, 2011	§		
		§		
For:	System And Method To Communicate Targeted Information	§	Atty. Dkt. No.:	AFF.004C9US

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Dear Sir:

Under 35 USC 120, this application relies on the earlier filing date of application serial number 12/495,190, filed on June 30, 2009, which is a continuation of U.S. Patent Application No. 12/015,320, filed January 16, 2008, which is now U.S. Patent No. 7,778,595, which issued on August 17, 2010, which is a continuation of U.S. Patent Application No. 10/947,755, filed on September 23, 2004, which is now U.S. Patent No. 7,324,833, which issued on January 29, 2008, which is a continuation of U.S. Patent Application No. 09/537,812, filed on March 28, 2000, which is now U.S. Patent No. 7,187,947, which issued on March 6, 2007. References cited on the attached PTO 1449 not provided herewith were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application.

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Respectfully submitted,

Date: September 7, 2011

/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

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<b>EFS ID:</b>	10891020
<b>Application Number:</b>	13117507
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7767
<b>Title of Invention:</b>	System And Method for Communicating Media Content
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	21906
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	AFF.004C9US
<b>Receipt Date:</b>	07-SEP-2011
<b>Filing Date:</b>	27-MAY-2011
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<b>Application Type:</b>	Utility under 35 USC 111(a)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		13117507	
	Filing Date		2011-05-27	
	First Named Inventor	Russell W. White, et al.		
	Art Unit	2618		
	Examiner Name			
	Attorney Docket Number	AFF.004C9US		

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Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6526335		2003-02-25	Treyz, et al.	
	2	6314094		2001-11-06	Boys	
	3	6192340		2001-02-20	Abecassis	
	4	7123936		2006-10-17	Rydbeck	
	5	6007228		1999-12-28	Agarwal, et al.	
	6	5974333		1999-10-26	Chen	

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	1	WO 0060450	WO		2000-10-12	Kumar		<input type="checkbox"/>
	2	DE 101 01 702 A1	DE		2001-01-15	Volkswagen AG		<input type="checkbox"/>

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5	ROLF, DEVON A., "System, Method, and Device For Playing Recorded Music on a Wireless Communications Device," U.S. Provisional Application No. 60/167,179, filed Nov. 23, 1999, 50 pages.	<input type="checkbox"/>
6	MUSICMATCH - JUKEBOX SOFTWARE, "MusicMatch Jukebox 4.2," Sep. 28, 1999, 1 page.	<input type="checkbox"/>
7	MUSICMATCH - JUKEBOX SOFTWARE, "Company History, A Few Words About MusicMatch," Sep. 28, 1999, 1 page.	<input type="checkbox"/>
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12	REALNETWORKS INC., "RealNetworks - The Home of Streaming Media," Oct. 18, 1999, 2 pages.	<input type="checkbox"/>
13	Third Party Requester's Comments To Patent Owner's Reply of July 26, 2011, in Reexamination Control Number 95/001,266, filed August 25, 2011, 21 pages.	<input type="checkbox"/>
14	Applicant's Response To Action Closing Prosecution mailed June 27, 2011, in Reexamination Control Number 95/001,266, filed July 26, 2011, 23 pages.	<input type="checkbox"/>
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25	The Deposition of Patrick Mueller, Affinity Labs of Texas, LLP, Plaintiffs, vs. BMW North America, LLC, et al., Defendants, February 25, 2010, Pages 1 - 2, and 46 - 48.	<input type="checkbox"/>
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27	The Deposition of Lori Markatos, Affinity Labs of Texas, LLP, Plaintiffs, vs. BMW North America, LLC, et al., Defendants, April 24, 2010, Pages 1 - 3, 5 and 23 - 24.	<input type="checkbox"/>
28	The Deposition of James Minarik, Affinity Labs of Texas, LLP, Plaintiffs, vs. BMW North America, LLC, et al., Defendants, May 18, 2010, Pages 1 - 3, 10 - 13 and 19.	<input type="checkbox"/>
29	The Deposition of Hugo Fiennes, Affinity Labs of Texas, LLP, Plaintiffs, vs. BMW North America, LLC, et al., Defendants, May 20, 2010, Pages 1 - 3 and 35 - 41.	<input type="checkbox"/>
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Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

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

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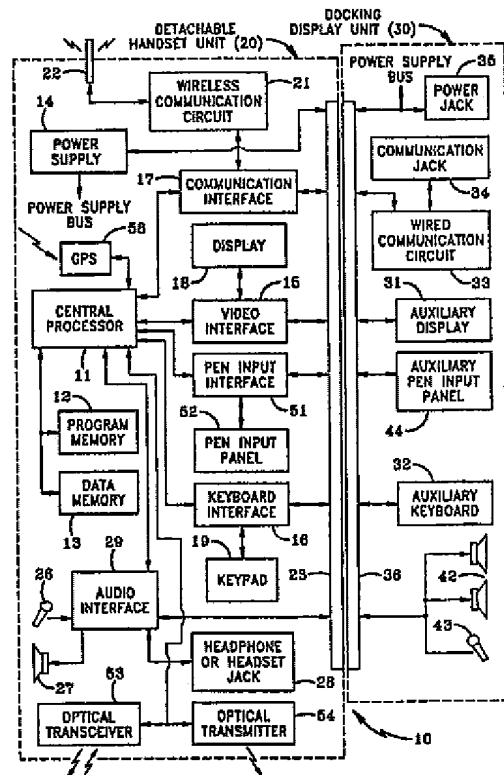
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<p>(51) International Patent Classification 7 : <b>G06F 7/50</b></p>	<p><b>A1</b></p>	<p>(11) International Publication Number: <b>WO 00/60450</b>                   (43) International Publication Date: 12 October 2000 (12.10.00)</p>
<p>(21) International Application Number: PCT/US00/09188                  (22) International Filing Date: 7 April 2000 (07.04.00)                   (30) Priority Data:                  60/128,138 7 April 1999 (07.04.99) US                   (71) Applicant (for all designated States except US): KHYBER TECHNOLOGIES CORPORATION [US/US]; Suite 600, 3009 Smith Road, Fairlawn, OH 44333-3771 (US).                   (72) Inventor; and                  (75) Inventor/Applicant (for US only): KUMAR, Rajendra [US/US]; 712 Stonecliff Drive, Akron, OH 44313 (US).                   (74) Agent: ROBBINS, Howard, S.; Khyber Technologies Corporation, Suite 600, 3009 Smith Road, Fairlawn, OH 44333-3771 (US).</p>		<p>(81) Designated States: AZ, CA, CN, JP, SG, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).                   Published                  With international search report.</p>

(54) Title: PORTABLE COMPUTING, COMMUNICATION AND ENTERTAINMENT DEVICE WITH CENTRAL PROCESSOR CARRIED IN A DETACHABLE HANDSET

(57) Abstract

A handheld device (10) for mobile computing, communication and entertainment includes a detachable handset unit (20) and a portable docking display unit (30). Detachable handset unit (20) is sized for handheld grasping and includes a processor (11) and a plurality of first circuits (12 - 19). Processor (11) controls the operation of the first circuits (12 - 19). Portable docking display unit (30) is dimensioned to receive docking of detachable handset unit (20) and includes a first display (31) and a plurality of second circuits (32, 33). Processor (11) controls the operation of at least one of the second circuits (32, 33) and the first display (31) when detachable handset unit (20) is docked with the docking display unit (30).



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**PORTABLE COMPUTING, COMMUNICATION AND  
ENTERTAINMENT DEVICE WITH CENTRAL PROCESSOR  
CARRIED IN A DETACHABLE HANDSET**

5

**REFERENCE TO COPENDING APPLICATION**

This application claims the benefit of United States Provisional Application Serial No. 60/128,138 filed April 7, 1999.

10

**TECHNICAL FIELD**

The present invention relates in general to portable processor based devices that provide computing, communication or entertainment functionality. More particularly, the present invention pertains to portable processor based devices operable while being held in its user's hand and providing communications, organizer and/or entertainment functions, such as cellular telephones, palm-sized organizers, and MP3 players, and to portable processor based devices providing general computing capabilities, such as laptop or handheld personal computers (PCs). More specifically, the present invention relates to systems that detachably mate a plurality of portable processor based devices to provide their combined functionality in an integrated structure.

20

**BACKGROUND ART**

To address consumers' portable computing, mobile communications, and portable entertainment needs, a variety of portable devices have been developed. The distinctly differing requirements of each application has made it too costly and unwieldy for such devices to fulfil more than one type, or two closely related types of need.

25

For example, smart cell phones are devices that combine the capabilities of cell phones and electronic organizers. Typical of such devices are the Model PDQ-800 from Qualcomm, Incorporated of San Diego, California, and the Model R380 from Ericsson, Incorporated of Richardson, Texas. These products perform quite well as handheld computing and communication devices by allowing the user to access the

30

Internet for email, stock quote, etc., while preserving their use as simple wireless phone units. However, in order to allow handheld grasping these units had to be kept small, thereby limiting their display to a size that is too small for practical use in conventional computing such as Web browsing, word processing, etc. Also, to keep  
5 the cost of such devices low, their designers employed central processors that have just enough power to carry out smart phone functions, and not enough power to handle general computing requirements.

Recently Motorola, Inc. of Schaumburg, Illinois has begun to sell its clipOn Organizer as an attachment to its StarTAC cellular telephone and provide it with  
10 smart phone functionality. The clipOn Organizer and StarTAC phone have been designed to operate as individual, standalone units that each furnish its own processor and power supply. Consequently, attaching the units does not achieve the reduced size or cost desired in an integrated combination.

For portable computing, the industry provides conventional laptop computers,  
15 such as those based on Pentium processors from Intel Corporation of Santa Clara, California and Windows software from Microsoft Corporation of Redmond, Washington, and mini-laptop computers, such as Microsoft WindowsCE based devices, called Handheld Personal Computers (HPCs). The industry has also furnished palm-sized devices for personal information management and organization such as the Palm Pilot  
20 from 3Com Corporation of Santa Clara, California, and Microsoft WindowsCE-based palm-sized PCs.

To fulfil the portable entertainment needs of consumers, the computer industry provides digital audio players, such as the Diamond Multimedia Rio model made by  
25 s3, Inc. of Santa Clara, California that plays MP3 compatible audio content downloaded from the Internet. Another portable entertainment device is the wireless system controller for home entertainment systems provided by Harman/Kardon International of Woodbury, New York.

To fulfil both mobile computing and communications needs, a mobile worker has to carry two, and sometimes three devices – a smart phone unit, an organizer, and  
30 a laptop unit. Of course, if entertainment is also desired, the user must carry yet another device - the MP3 player. The user has to purchase and maintain multiple units – charging multiple sets of batteries and synchronizing data from one with that of the other. Consequently, there is a need for a device that provides a complete

solution for mobile computing, communication and entertainment without having to own and maintain multiple units.

### SUMMARY OF THE INVENTION

5 It is, therefore, an object of the present invention to provide a portable processor based device for mobile computing, communication and entertainment without having to acquire and maintain multiple units. Such device works in much the same way as conventional laptop computers. However, in the current invention, the central processor, communication circuit, speaker, microphone, and power supply are carried  
10 in a detachable handset. The detachable handset unit functions as a wireless phone unit. Also, by having its own display and keypad it can serve as an Internet appliance for email access and for downloading of information from the Internet, such as electronic books, audio books, digital music, etc.

For applications requiring larger display and keyboard, the detachable handset  
15 unit is docked into the main unit, the docking display unit. In this mode the detachable handset unit provides the processing and the communication power to the docking display unit. The combined unit is suitable for conventional computing such as Web browsing, word processing, and spreadsheet applications. The combined unit can also be used for reading downloaded electronic books.

20 The detachable handset unit has additional functions. It can be used as a portable digital audio player in one of two ways. First, by plugging a headphone into its jack, the user can listen to downloaded music or audio books. Second, by docking into the docking display unit, that contains larger speakers, the downloaded music or other content can be played back in much the same way as done by a standard PC or  
25 a laptop computer. The detachable handset can be equipped with appointment manager software, thereby functioning as a clock radio by itself or while docked with the docking display unit.

The detachable handset can be equipped with infrared transceiver for providing wireless optical communication with other compatible units such as those compatible  
30 with IrDA standard. With suitable software the detachable handset unit can be made to function as a remote control unit for TV, VCR and other home entertainment systems and appliances. The user can pre-enter the desired program schedule once and thereafter have the detachable handset select the channels automatically.



The docking display can be mounted in a vehicle, further extending the function of the mobile computing and communication device. The detachable handset may be fitted with a Global Positioning Satellite System (GPS) capability. In that case when the detachable unit is docked in the docking display, the combined unit serves as an auto PC, giving the vehicle driver the location of the vehicle on a map on the large display in much the same way as AutoPC reference design from Microsoft, with the exception that in the current case the detachable unit is usable in a plurality of applications.

These and other objects and advantages of the present invention over existing prior art forms will become more apparent and fully understood from the following description in conjunction with the accompanying drawings.

In general, a portable computing, communication and entertainment device in accordance with the present invention includes a detachable handset unit and a portable docking display unit. The detachable handset unit is sized for handheld grasping and includes a processor and a plurality of first circuits, the processor controlling the operation of the first circuits. The portable docking display unit is dimensioned to receive docking of the detachable handset unit and includes a first display and a plurality of second circuits. The processor controls the operation of at least one of the second circuits and the first display when the detachable handset unit is docked with the docking display unit.

### BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a perspective view of an exemplary device in accordance with the present invention for mobile computing, communication and entertainment. This view presents a front perspective view of a detachable handset unit and a top perspective view of a clamshell shaped docking display unit having a partially open lid and base, and illustrates diagrammatically how exemplary electrical connectors in each unit may engage and mate so that the units form a single combined device.

Fig. 2 is a cross section elevational view of the exemplary device shown in Fig. 1 with the detachable handset unit mated with the docking display unit.

Fig. 3 is an exemplary block diagram of the device shown in Fig. 1.

Fig. 4 is a rear perspective view of the detachable handset unit.

Fig. 5 is a side elevational view of the device shown in Fig. 1 when mounted in

a vehicle and in an operational configuration.

### PREFERRED EMBODIMENT FOR CARRYING OUT THE INVENTION

One embodiment of an exemplary device in accordance with the present invention for mobile computing, communication and entertainment, is illustrated in Figs. 1 through 4 and generally indicated by the numeral 10. Device 10 includes a detachable handset unit 20 and a docking display unit 30.

Detachable handset unit 20 includes a housing 48 with front and backsides and two opposite ends, a display 18 and a keypad 19 on the front side. Through apertures on its backside, detachable handset unit 20 carries a microphone 26 and a speaker 27 placed on opposite ends as in conventional telephone handsets. A conventional stub antenna 22 is located at the top end of the detachable handset unit 20, as found in conventional cellular phone handsets. Slots 24 and 25 are provided at the opposite ends of unit 20 to detachably mate detachable handset unit 20 and docking display unit 30, as described more fully hereinafter. An electrical connector 23 in detachable handset unit 20 enables electrical interconnection with docking display unit 30.

Docking display unit 30 includes a recessed platform 38, with an electrical connector 36, a fixed tab 39 and a movable tab 41, retractable by latch 37. To dock detachable handset unit 20 into docking display unit 30, fixed tab 39 is slid into slot 24 with the front side of detachable handset unit 20 facing platform 38. The other end of detachable handset unit 20 is brought down to have connector 23 on detachable handset unit 20 mate with connector 36 of docking display unit 30. Tab 41 is slid into slot 25 to secure detachable handset unit 20 in place.

Docking display unit 30 is shown as a clamshell style unit, including an auxiliary display 31, in the lid portion and an auxiliary keyboard 32 in the base portion, facing each other in the closed position. The lid of docking display unit 30 also contains a communication jack 34, such as a standard RJ-style telephone jack, and a power jack 35, such as an AC adapter/charger jack.

The block diagram in Fig. 3 shows detachable handset unit 20 including a central processor 11, and the circuits supported and/or controlled by it, namely program memory 12, data memory 13, power supply 14, video interface 15, keyboard interface 16, communication interface 17, pen-input interface 51, and audio interface 29. In turn, video interface 15 drives display 18, the keyboard interface 16 drives the

keypad 19, communication interface 17 drives wireless communication circuit 21, pen-input interface 51 drives the pen-input panel 52, and audio interface 29 drives microphone 26 and speaker 27, and connects to the headphone jack 28. Wireless communication circuit 21 is connected to the antenna 22. GPS receiver 58, such as  
5 that supplied by SiRF Technology of San Jose, California, is also connected to central processor 11.

Detachable handset unit 20 also includes an electrical connector 23 that carries signals from the central processor 11 through video interface 15, keyboard interface 16, communication interface 17, pen-input interface 51, audio interface 29, and power  
10 supply 14. Mating electrical connector 36 in docking display unit 30 connects these signals to auxiliary display 31, auxiliary keyboard 32, wired communication circuit 33, auxiliary pen-input panel 44, speakers 42 and microphone 43, and power-jack 35. Wired communication circuit 33 is connected to communication jack 34 for further  
15 connection to external wired communication lines such as the public switched telephone network.

Detachable handset unit 20 may also contain an optical transmitter 54 for transmission of remote control signals to TV, VCR, etc. Alternately, it may be equipped with an optical transceiver 53 for optical communication with other  
compatible devices such as laptop computers, printers and network interfaces.

20 In another variation of the above embodiment the interface signals connecting the circuitry carried in detachable handset unit 20 and docking display unit 30 may be multiplexed, using conventional multiplexing circuits, in order to reduce the number of interconnect signals and hence reducing the size of connectors 23 and 36.

In another variation of the above embodiment, detachable handset unit 20 may  
25 contain no display at all, like conventional cordless handsets. In this case central processor 11 will still drive the auxiliary display 31 through the video interface 15, and video interface 15 may be housed in docking display unit 30, further reducing the size of detachable handset unit 20.

Fig. 5 shows docking display unit 30 mounted on the floor of a vehicle 70. The  
30 bottom end of a pedestal 60 is attached to the vehicle floor 70. Clamps 61 are attached to the top end of pedestal 60. Docking display unit 30 can be removably mounted on pedestal 60 by sliding into clamps 61. Alternately, docking display unit 30 may be fixed-mounted on pedestal 60 using bolts or other conventional methods.

Detachable handset unit 20 can then be docked in docking display unit 30 in the same manner as in the other applications described hereinbefore.

The ordinarily skilled artisan should now appreciate that in this way a portable computing, communication and entertainment device can be created that has a detach-  
5 able handset unit. When mated with a docking display unit, the detachable handset unit becomes the controller for the entire portable computing, communication and entertainment device. The detachable handset unit is in a smaller housing that is dimensioned for handheld grasping, and is sized to be carried in a pocket like an average cell phone. The docking display unit carries an auxiliary, larger display and  
10 other components. The central processor, carried in the detachable handset unit, must have enough processing power to adequately perform functions of an entire portable computing, communication and entertainment device, and not just the functions of a wireless phone. Examples of commercially available processors adequate for this task include the Intel StrongARM processor, the models SH-3 and SH-4 processors from  
15 Hitachi American, Ltd. of Brisbane, California, and the model 4100 RISC processor from NEC America, Inc. of Irving, California.

As technology advances in the future, the Pentium processor from Intel, used in most laptop computers, may be used in other embodiments of the current invention. The other components used in device 10 can be similar to those employed by tradi-  
20 tional computing devices, communication devices and entertainment devices. Typical of these other components are: liquid crystal displays of small and large sizes from Optrex America Inc. of Detroit, Michigan, and Seiko Instruments USA, Incorporated of Torrance, California; memory chips from Micron Technologies, Inc. of Boise, Idaho, VLSI Technologies wireless communication chips available from Philips North  
25 America in Atlanta, Georgia, power supply chips from Analog Devices Inc. of Norwood, Massachusetts, and pen-input panels from MicroTouch Systems, Inc. of Methuen, Massachusetts.

Device 10 as described hereinbefore will require operating system software such as Microsoft Windows or WindowsCE. Off-the-shelf application software such as  
30 Microsoft Outlook, PocketWord, etc. can be used for various tasks. Alternately, the Java software platform from Sun Microsystems, Inc. of Palo Alto, California, can be implemented in device 10. In this instance, Java applets can be downloaded into device 10 from the Internet via wireless communication circuit 21 or via wired

communication circuit 33.

Inasmuch as the present invention is subject to variations, modifications and changes in detail, some of which have been expressly stated herein, it is intended that all matter described throughout this entire specification or shown in the accompanying drawings be interpreted as illustrative and not in a limiting sense. It should thus be evident that a device constructed according to the concept of the present invention, and reasonably equivalent thereto, will accomplish the objects of the present invention and otherwise substantially improve the art of devices for mobile computing, communication and entertainment.

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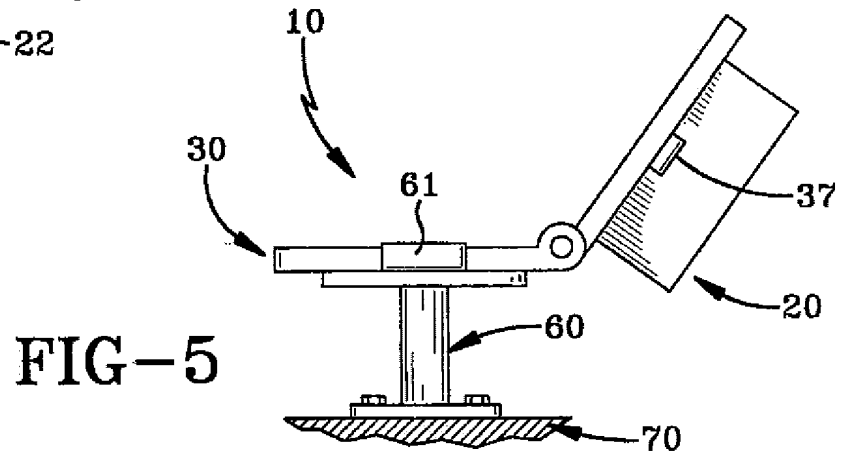
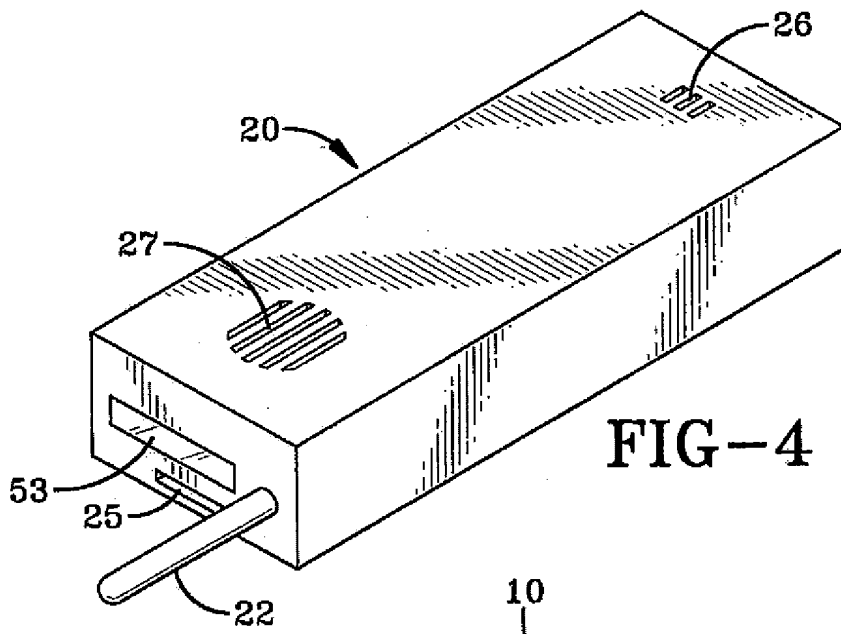
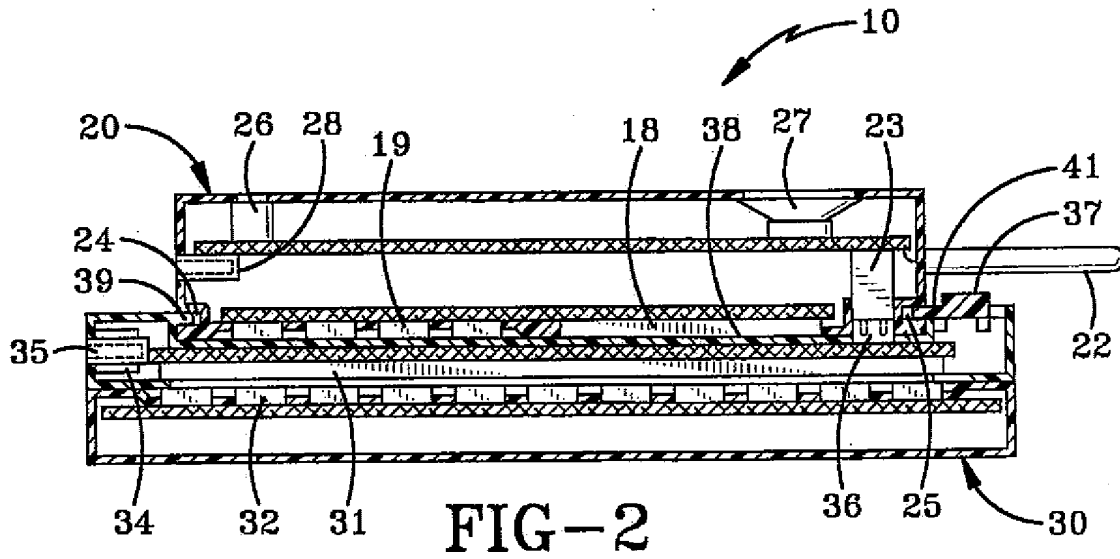
**CLAIMS:**

- 1 1. A portable computing, communication and entertainment device comprising:  
2 a detachable handset unit sized for handheld grasping and including a  
3 processor and a plurality of first circuits, said processor controlling the operation  
4 of said first circuits;  
5 a portable docking display unit dimensioned to receive docking of said  
6 detachable handset unit and including a first display and a plurality of second  
7 circuits; and,  
8 said processor controlling the operation of at least one of said second circuits  
9 and said first display when said detachable handset unit is docked with said  
10 docking display unit.
- 1 2. A device, as set forth in claim 1, wherein said processor generates control  
2 signals, and said portable docking display unit includes a platform dimensioned to  
3 accept docking of the detachable handset unit and a first electrical connector for  
4 receiving said control signals.
- 1 3. A device, as set forth in claim 2, wherein said portable docking display unit  
2 further includes a second electrical connector for removably engaging said first  
3 electrical connector when said detachable handset unit and said portable docking  
4 display unit are docked.
- 1 4. A device, as set forth in claim 3, wherein said detachable handset unit further  
2 includes a memory, a wireless communication circuit, an audio interface circuit, a  
3 first microphone, a first speaker, and a power supply.
- 1 5. A device, as set forth in claim 4, wherein said docking display unit further  
2 includes a wired communication circuit and a communication jack.
- 1 6. A device, as set forth in claim 5, wherein said docking display unit further  
2 includes a second speaker and a second microphone.

- 1 7. A device, as set forth in claim 6, wherein said docking display unit includes  
2 a power jack.
- 1 8. A device, as set forth in claim 7, wherein said docking display unit includes a  
2 first pen-input panel.
- 1 9. A device, as set forth in claim 8, wherein said docking display unit is  
2 mounted in a vehicle.
- 1 10. A device, as set forth in claim 1, wherein said detachable handset unit  
2 includes a second display.
- 1 11. A device, as set forth in claim 10, wherein said detachable handset unit  
2 includes a second pen-input panel.
- 1 12. A device, as set forth in claim 11, wherein said detachable handset unit  
2 includes a first keyboard and said docking display unit includes a second  
3 keyboard.
- 1 13. A device, as set forth in claim 12, wherein said detachable handset unit  
2 includes a jack to connect to an external headphone.
- 1 14. A device, as set forth in claim 13, wherein said detachable handset unit  
2 includes a jack to connect to an external headset.
- 1 15. A device, as set forth in claim 14, wherein said detachable handset unit  
2 includes at least one of an optical transmitter and an optical transceiver.
- 1 16. A device, as set forth in claim 15, wherein said detachable handset unit  
2 includes a Global Positioning System receiver.







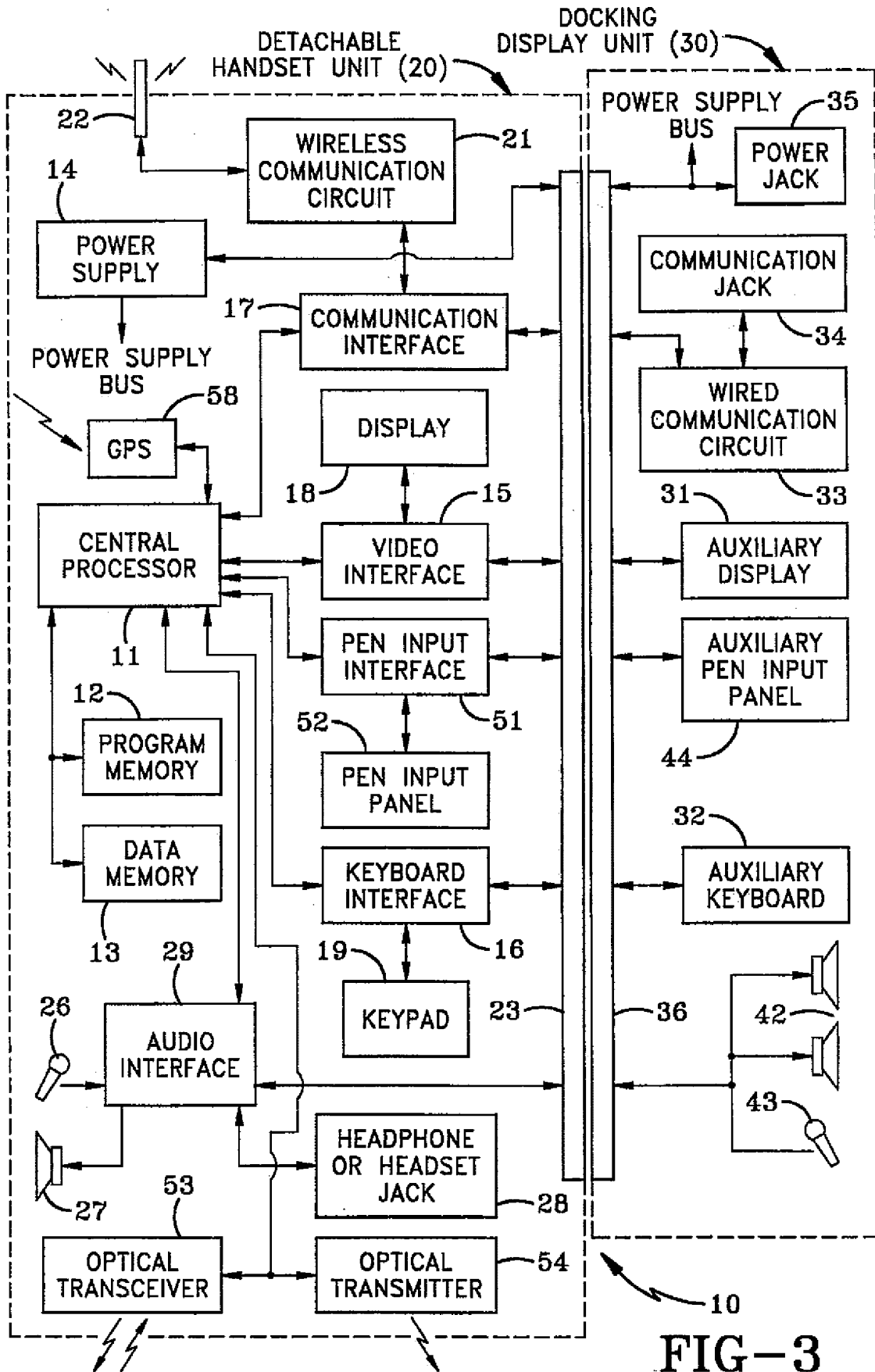


FIG-3

INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US00/09188

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(7) : G06F 7/50 US CL : 708/109 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : 708/109; 379/55.1; 455/556,566,11.1.404 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WEST		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,189,632 A (PAAJANEN et al) 23 February 1993, abstract, figures 1a and 2a, col.1 lines 25-68, col.2 line 29 through col.3 line 18	1-16
Y	US 5,754,962 A (GRIFFIN) 19 May 1998, abstract, figures 1 and 2, col.2 lines 9-59	1-16
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
*A* document defining the general state of the art which is not considered to be of particular relevance	*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
*B* earlier document published on or after the international filing date	*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*Z* document member of the same patent family	
*O* document referring to an oral disclosure, use, exhibition or other means		
*P* document published prior to the international filing date but later than the priority date claimed		
Date of the actual completion of the international search 12 JUNE 2000	Date of mailing of the international search report <b>06 JUL 2000</b>	
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230	Authorized officer John E. Breene <i>Fo Ruggio Zager</i> Telephone No. (703) 305-9790	





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10 **DE 101 01 702 A 1**

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11 Applicant:  
Volkswagen AG, 38440 Wolfsburg, DE

12 Inventors:  
Plagge, Frank, Dr., 38446 Wolfsburg, DE; Hartkopp,  
Oliver, 31234 Edemissen, DE; Briel, Björn, 38162  
Crömlingen, DE; Medler, Andreas, 38268 Lengede,  
DE

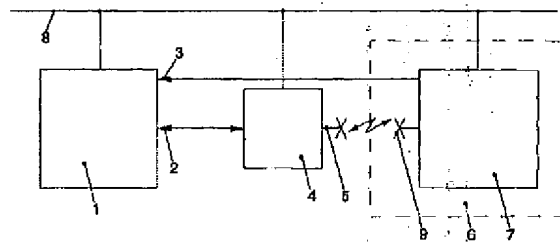
56 Printed publications to be considered in order to  
determine the patentability:

DE 199 48 402 A1  
DE 199 17 169 A1  
EP 09 99 549 A2

The following information was taken from the documents submitted by the applicant

54 Motor Vehicle Audio Device

57 The invention relates to a motor vehicle audio device,  
including an interface for a CD changer, whereby an  
interface emulator (4) is connected to the interface (2) for  
the CD changer, and a player (7) for digital audio signals  
that are stored in compressed form is connected to the  
interface emulator (4), and whereby the interface emulator  
(4) converts control and status signals coming from the  
motor vehicle audio device (1) to a format compatible with  
the player, and status signals coming from the player (7)  
to a format compatible with the CD changer.



DE 101 01 702 A 1

## Description

[0001] The invention relates to a motor vehicle audio device, including an interface for a CD changer, as described in the preamble of Claim 1.

[0002] Currently, there essentially exist several standards for storing music signals or tone signals in a compressed manner in digital form, for example, the MP-3 Standard (MPEG-1 Audio Layer 3), the MS Audio Standard (WMA) and AAC (Advanced Audio Coding), defined by the MPEG-2 Standard. With the aid of an appropriately equipped computer, one is able to store audio signals, coded and compressed according to these standards, on CD ROMs available in the market, and recall them at any time. Due to the compression, one is thus able to achieve on a CD-ROM a playing time that is greater by a multiple. Various portable players, such as MP-3 players, are already known for playback. Various devices are already known for the integration of a player of compressed-stored data into a motor vehicle.

[0003] A combined player for digitally stored music signals and tone signals is known from DE 299 19 802 U1, in which, with the aid of a laser beam, optically scannable data of the inserted CD/CD-ROM are guided either to a signal processing stage for MP3 or to a signal processing stage for non-data-reduced signals, using a manual switch or automatically, using an identification device.

[0004] An MP3 player for a motor vehicle is known from EP 0 999 549 A2, which includes a device for the recognition of the data format, whereby the data of an audio CD are guided directly to a digital/analog converter and the MP3 data are guided to an MP3 decoder having a digital/analog converter connected downstream. Using a single CD player, both audio CD's and MP3 CD's may thus be played, so that one may do without a CD changer.

[0005] The disadvantage of the known MP3 player design approaches is that, in each case, the motor vehicle radios that are already present have to be exchanged. This is extremely costly, especially in the case of high-valued motor vehicle radios as a component of infotainment design approaches. On the other hand, the majority of motor vehicle radios present offer no possibility of practically integrating players for data stored in compressed fashion.

[0006] Therefore, the invention is based on the technical problem of creating a motor vehicle radio with a player of data stored in compressed form, whereby motor vehicle radios already present should largely be able to be retrofitted.

[0007] The solution of the technical problem follows from the subject matter having the features of Claim 1. Additional advantageous embodiments of the invention follow from the dependent claims.

[0008] To this end, an interface emulator is connected to the interface for the CD changer of the motor vehicle radio, and a player of audio data stored in compressed form according to one of the standards is connected to the interface emulator, whereby the interface emulator converts control and status signals coming from the motor vehicle radio to a format compatible with the player, and status signals coming from the player to a format compatible with the CD changer.

[0009] In a further preferred specific embodiment, the output of the player of the digital audio signals stored in compressed form is connected directly to an input of the motor vehicle audio device, whereby the digital audio signals are then

converted to analog audio signals in the player before being passed on to the motor vehicle audio device.

[0010] In principle, the interface emulator could be integrated into the player of audio signals stored in compressed form. This is of advantage if the configuration does not change. However, in that case the currently available players have to be modified.

[0011] In a further preferred specific embodiment, the interface emulator and the player of digital audio signals stored in compressed form are therefore designed as separate units. In this context, an interface is preferably allocated to each the player and the interface emulator, particularly an interface for wireless data transmission, via which the control signals and the status signals can be transmitted.

[0012] In another preferred specific embodiment, the player of digital audio signals stored in compressed form is connected to the motor vehicle electrical system via the interface emulator or via a plug connection. If the player is a portable unit, it may be provided that the accumulators are charged during the operating phases of the motor vehicle.

[0013] In another preferred specific embodiment, means for converting various portable media-playback devices are stored in the interface emulator, which can optionally be connected to the interface emulator.

[0014] The invention is explained in greater detail below, on the basis of a preferred exemplary embodiment. The only figure shows a schematic block diagram of a motor vehicle audio device with an MP3 player.

[0015] Motor vehicle audio device 1 includes an interface 2 for a CD changer and an audio input 3 for CD data. Motor vehicle audio device 1 is connected to an interface emulator 4, via interface 2. Interface emulator 4 is also designed to include a wireless interface 5. Interface emulator 4 is able to communicate, via wireless interface 5, with an MP3 player 7 which is situated in an accommodating unit 6. The MP3 data may be either stored in a storage medium or made available online.

[0016] Accommodating unit 6 includes mechanical connecting means and electrical plug connections that are not shown, via which the MP3 player can be connected to a motor vehicle electrical system 8 and audio input 3 of motor vehicle radio 1. In addition, MP3 player 7 is designed to have a wireless interface 9. MP3 player 7 is situated detachably in accommodating unit 6, so that, for instance, portable MP3 players 7 can be attached only temporarily to motor vehicle audio device 1.

[0017] Now, if such a portable MP3 player 7 is situated in the accommodating unit, it is supplied with voltage via motor vehicle electrical system 8, and the accumulators, not shown, are charged at the same time. The output signals of MP3 player 7, which in a portable unit are usually emitted to the headphones, may be emitted directly to audio input 3 of motor vehicle radio 1, from where the signals may be passed on to the loudspeakers in the motor vehicle.

[0018] The main task of interface emulator 4 is converting the control and status signals of motor vehicle audio device 1 and MP3 player 7. The control and status signals transmitted by motor vehicle audio device 1 via interface 2 are adapted for a CD changer. Interface emulator 4 receives these signals and converts them to a format for MP3 player 7.

The converted control and status signals are then sent by interface emulator 4 via air interface 5, and, using air interface 9, received and executed by MP3 player 7. Conversely, MP3 player 7 sends its status signal via wireless interface 9, which are received by wireless interface 5 of interface emulator 4. Interface emulator 4 converts the status signals of MP3 player 7 to status signals of a CD changer, and transmits those via interface 2 to motor vehicle radio 1. From a signal technology point of view, interface emulator 4 has the effect that the motor vehicle radio communicates with a virtual CD changer.

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What Is Claimed Is:

1. A motor vehicle audio device, including an interface for a CD changer, wherein an interface emulator (4) is connected to the interface (2) for the CD changer, and a player (7) of audio signals stored in compressed form is connected to the interface emulator (4), whereby the interface emulator (4) converts control and status signals coming from the motor vehicle audio device (1) to a format compatible with the player (7), and status signals coming from the player (7) to a format compatible with the CD changer.
2. The motor vehicle audio device as recited in Claim 1, wherein a signal output of the player (7) is directly connected to a signal input (3) of the motor vehicle audio device (1).
3. The motor vehicle audio device as recited in Claim 1 or 2, wherein the interface emulator (4) and the player (7) are developed as separate units, which communicate with one another via at least one interface for wireless connection (5, 9).
4. The motor vehicle audio device as recited in one of the preceding claims, wherein the player (7) is connected to the motor vehicle electrical system (8) via interface emulator (4) or a plug connection.
5. The motor vehicle audio device as recited in one of the preceding claims, wherein means for converting various portable media-playback devices are stored in interface emulator (4), which can optionally be connected to the interface emulator (4).

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(1 Page of Drawings)

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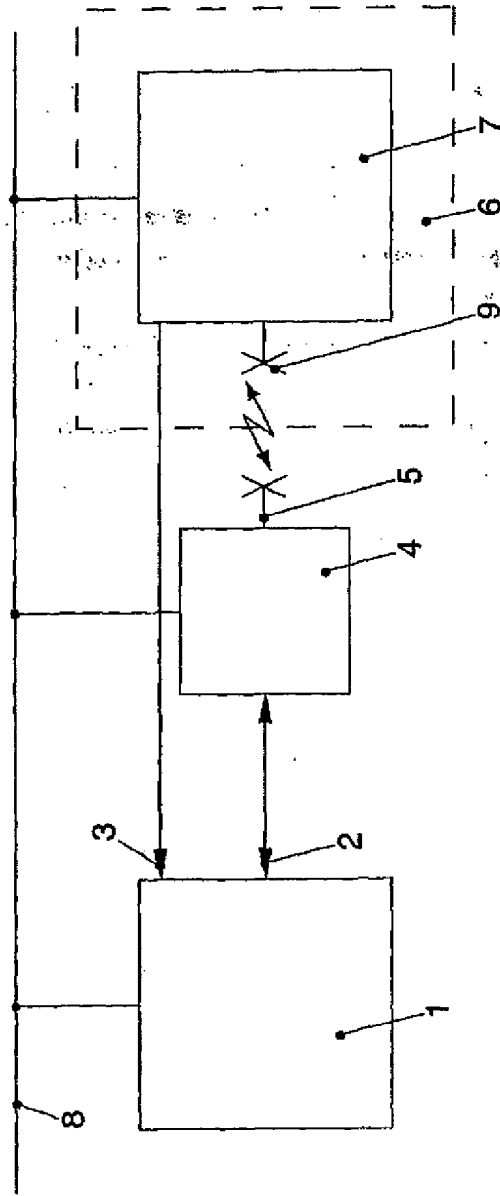


FIG. 1



DECLARATION

I, Robert C. Ferber, declare that I am well qualified as a translator of German to English and that I have carefully reviewed the attached English language translation from the original document,

**KRAFTFAHRZEUG-AUDIOGERÄT - German Document DE 101 01 702 A1  
VWGOA0008475-VWGOA0008478**

(Motor Vehicle Audio Device)

written in German; and that the attached translation is an accurate English version of such original to the best of my knowledge and belief.

I certify under penalty of perjury that the foregoing is true and correct.

Date 9/30/2010

Signature Robert C. Ferber  
Name ROBERT C. FERBER



19 BUNDESREPUBLIK  
DEUTSCHLAND



DEUTSCHES  
PATENT- UND  
MARKENAMT

12 **Offenlegungsschrift**  
10 **DE 101 01 702 A 1**

51 Int. Cl. 7:  
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71 Anmelder:  
Volkswagen AG, 38440 Wolfsburg, DE

72 Erfinder:  
Plagge, Frank, Dr., 38446 Wolfsburg, DE; Hartkopp,  
Oliver, 31234 Edemissen, DE; Briel, Björn, 38162  
Cremlingen, DE; Medler, Andreas, 38268 Lengede,  
DE

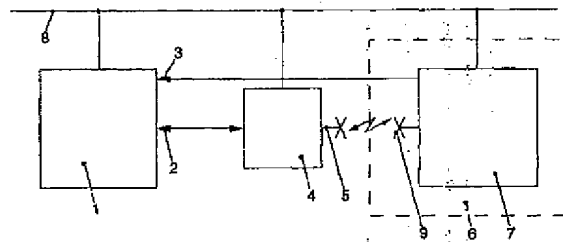
66 Für die Beurteilung der Patentfähigkeit in Betracht  
zu ziehende Druckschriften:

DE 199 48 402 A1  
DE 199 17 169 A1  
EP 09 99 549 A2

Die folgenden Angaben sind den vom Anmelder eingereichten Unterlagen entnommen

64 Kraftfahrzeug-Audiogerät

57 Die Erfindung betrifft ein Kraftfahrzeug-Audiogerät,  
umfassend eine Schnittstelle für einen CD-Wechsler, wo-  
bei an der Schnittstelle (2) für den CD-Wechsler ein  
Schnittstellen-Emulator (4) und an dem Schnittstellen-  
Emulator (4) ein Abspielgerät (7) für komprimiert abge-  
speicherte digitale Audiosignale angeschlossen ist, wo-  
bei der Schnittstellen-Emulator (4) vom Kraftfahrzeug-Au-  
diogerät (1) kommende Steuer- und Statussignale in ein  
für das Abspielgerät kompatibles Format und vom Ab-  
spielgerät (7) kommende Statussignale in ein CD-Wechs-  
ler kompatibles Format umsetzt.



DE 101 01 702 A 1

## Beschreibung

[0001] Die Erfindung betrifft ein Kraftfahrzeug-Audiogerät, umfassend eine Schnittstelle für einen CD-Wechsler gemäß dem Oberbegriff des Patentanspruchs 1.

[0002] Zur Zeit gibt es im wesentlichen mehrere Standards Musik- bzw. Tonsignale komprimiert in digitaler Form zu speichern, zum Beispiel den MP-3-Standard (MPEG-1 Audio Layer 3), den MS-Audio-Standard (WMA) und AAC (Advanced Audio Coding), definiert durch den MPEG-2-Standard. Auf handelsübliche CD-ROMs lassen sich mit Hilfe eines entsprechend ausgestatteten Computers nach diesen Standards codierte und komprimierte Audiosignale speichern und jederzeit wieder abrufen. Aufgrund der Komprimierung kann somit auf eine CD-ROM eine um ein Vielfaches höhere Spielzeit erreicht werden. Zur Wiedergabe sind bereits die verschiedensten tragbaren Abspielgeräte, zum Beispiel MP-3-Player bekannt. Zur Integration eines Abspielgerätes für die komprimiert abgespeicherten Daten in ein Kraftfahrzeug sind bereits verschiedene Vorrichtungen bekannt.

[0003] Aus der DE 299 19 802 U1 ist ein kombiniertes Abspielgerät für digital gespeicherte Musik- bzw. Tonsignale bekannt, wobei mit Hilfe eines Laserstrahls optisch abzutastende Daten der eingelegten CD/CD-ROM mittels eines manuellen Schalters oder automatisch mittels einer Erkennungseinrichtung entweder auf eine Signalverarbeitungsstufe für MP3 oder auf eine Signalverarbeitungsstufe für nicht datenreduzierte Signale geführt werden.

[0004] Aus der EP 0 999 549 A2 ist ein MP3-Player für ein Kraftfahrzeug bekannt, der eine Einrichtung zur Erkennung des Datenformats umfaßt, wobei die Daten einer Audio-CD direkt auf einen Digital-Analog-Wandler und die MP3-Daten auf einen MP3-Dekodierer mit nachgeschaltetem Digital-Analog-Wandler geführt werden. Mittels eines einzigen CD-Abspielgerätes können somit sowohl Audio-CDs als auch MP3-CDs abgespielt werden, so daß auf CD-Wechsler verzichtet werden kann.

[0005] Nachteilig an den bekannten MP3-Player Lösungen ist, daß jeweils die bereits vorhandenen Kraftfahrzeug-Radios ausgetauscht werden müssen. Insbesondere bei hochwertigen Kraftfahrzeug-Radios als Bestandteil von Infotainment-Lösungen ist dies extrem kostspielig. Andererseits bieten die Mehrzahl der vorhandenen Kraftfahrzeug-Radios keine Möglichkeit, Abspielgeräte für die komprimiert abgespeicherten Daten praktikabel zu integrieren.

[0006] Der Erfindung liegt daher das technische Problem zugrunde, ein Kraftfahrzeug-Radio mit einem Abspielgerät für die komprimiert abgespeicherten Daten zu schaffen, wobei bereits vorhandene Kraftfahrzeug-Radios weitgehend nachrüstbar sein sollen.

[0007] Die Lösung des technischen Problems ergibt sich durch den Gegenstand mit den Merkmalen des Patentanspruchs 1. Weitere vorteilhafte Ausgestaltungen der Erfindung ergeben sich aus den Unteransprüchen.

[0008] Hierzu wird an die Schnittstelle für den CD-Wechsler des Kraftfahrzeug-Radios ein Schnittstellen-Emulator und an den Schnittstellen-Emulator ein Abspielgerät für die nach einem der Standards komprimiert abgespeicherten Audiodaten angeschlossen, wobei der Schnittstellen-Emulator vom Kraftfahrzeug-Radio kommende Steuer- und Statussignale in ein für das Abspielgerät kompatibles Format und vom Abspielgerät kommende Statussignale in ein CD-Wechsler kompatibles Format umsetzt.

[0009] In einer weiteren bevorzugten Ausführungsform wird der Ausgang des Abspielgerätes für die komprimiert abgespeicherten digitalen Audiosignale direkt mit einem Eingang des Kraftfahrzeug-Audiogerätes verbunden, wobei

die digitalen Audiosignale dann im Abspielgerät vor der Weitergabe an das Kraftfahrzeug Audiogerät in analoge Audiosignale umgewandelt werden.

[0010] Prinzipiell kann der Schnittstellen-Emulator in das Abspielgerät für komprimiert abgespeicherte Audiosignale integriert werden. Dies ist von Vorteil, wenn die Konfiguration sich nicht ändert. Jedoch sind dann die vorhandenen Abspielgeräte zu modifizieren.

[0011] In einer weiteren bevorzugten Ausführungsform sind daher der Schnittstellen-Emulator und das Abspielgerät für die komprimiert abgespeicherten digitalen Audiosignale als separate Einheiten ausgebildet. Dabei ist vorzugsweise dem Abspielgerät und dem Schnittstellen-Emulator jeweils eine Schnittstelle, insbesondere eine Schnittstelle zur drahtlosen Datenübertragung zugeordnet, über die die Steuer- und Statussignale übertragbar sind.

[0012] In einer weiteren bevorzugten Ausführungsform ist das Abspielgerät für die komprimiert abgespeicherten digitalen Audiosignale über den Schnittstellen-Emulator oder eine Steckverbindung mit dem Kraftfahrzeug-Bordnetz verbunden. Handelt es sich bei dem Abspielgerät um ein tragbares Gerät, so kann vorgesehen sein, daß in den Betriebsphasen im Kraftfahrzeug die Akkumulatoren aufgeladen werden.

[0013] In einer weiteren bevorzugten Ausführungsform sind in dem Schnittstellen-Emulator Mittel zur Konvertierung verschiedener tragbarer Medienwiedergabegeräte abgelegt, die wahlweise mit dem Schnittstellen-Emulator verbindbar sind.

[0014] Die Erfindung wird nachfolgend anhand eines bevorzugten Ausführungsbeispiels näher erläutert. Die einzige Figur zeigt ein schematisches Blockschaltbild eines Kraftfahrzeug-Audiogerätes mit MP3-Player.

[0015] Das Kraftfahrzeug-Audiogerät 1 umfaßt eine Schnittstelle 2 für einen CD-Wechsler und einen Audioeingang 3 für CD-Daten. Über die Schnittstelle 2 ist das Kraftfahrzeug-Audiogerät 1 mit einem Schnittstellen-Emulator 4 verbunden. Der Schnittstellen-Emulator 4 ist des weiteren mit einer Luftschnittstelle 5 ausgebildet. Über die Luftschnittstelle 5 kann der Schnittstellen-Emulator 4 mit einem in einer Aufnahmeeinheit 6 angeordneten MP3-Player 7 kommunizieren. Die MP3-Daten können dabei entweder in einem Speichermedium abgelegt oder online zur Verfügung gestellt werden.

[0016] Die Aufnahmeeinheit 6 umfaßt nicht dargestellte mechanische Verbindungsmittel und elektrische Steckverbindungen, über die der MP3-Player mit einem Kraftfahrzeug-Bordnetz 8 und dem Audioeingang 3 des Kraftfahrzeug-Radios 1 verbindbar ist. Weiter ist der MP3-Player 7 mit einer Luftschnittstelle 9 ausgebildet. Der MP3-Player 7 ist lösbar in der Aufnahmeeinheit 6 angeordnet, so daß beispielsweise tragbare MP3-Player 7 auch nur temporär dem Kraftfahrzeug-Audiogerät 1 zuordenbar sind.

[0017] Wird nun ein derartiger tragbarer MP3-Player 7 in der Aufnahmeeinheit angeordnet, so wird dieser über das Kraftfahrzeug-Bordnetz 8 mit Spannung versorgt und gleichzeitig die nicht dargestellten Akkumulatoren aufgeladen. Die Ausgangssignale des MP3-Player 7, die bei einem tragbaren Gerät üblicherweise auf die Kopfhörer ausgegeben werden, können direkt auf Audioeingang 3 des Kraftfahrzeug-Radios 1 ausgegeben werden, von wo aus diese an die Lautsprecher im Kraftfahrzeug weitergeleitet werden können.

[0018] Die Hauptaufgabe des Schnittstellen-Emulators 4 ist die Konvertierung der Steuer- und Statussignale von dem Kraftfahrzeug-Audiogerät 1 und dem MP3-Player 7. Die von dem Kraftfahrzeug-Audiogerät 1 über die Schnittstelle 2 übertragenen Steuer- und Statussignale sind auf einen CD-

Wechsler abgestimmt. Der Schnittstellen-Emulator 4 empfängt diese Signale und konvertiert diese in ein Format für den MP3-Player 7. Die konvertierten Steuer- und Statussignale werden dann von dem Schnittstellen-Emulator 4 über die Luftschnittstelle 5 gesendet und mittels der Luftschnittstelle 9 vom MP3-Player 7 empfangen und ausgeführt. Umgekehrt sendet der MP3-Player 7 seine Statussignale über die Luftschnittstelle 9, die von der Luftschnittstelle 5 des Schnittstellen-Emulators 4 empfangen werden. Der Schnittstellen-Emulator 4 konvertiert die Statussignale des MP3-Players 7 in Statussignale eines CD-Wechslers und überträgt diese über die Schnittstelle 2 an das Kraftfahrzeug-Radio 1. Signaltechnisch bewirkt der Schnittstellen-Emulator 4, daß das Kraftfahrzeug-Radio mit einem virtuellen CD-Wechsler kommuniziert.

#### Patentansprüche

1. Kraftfahrzeug-Audiogerät, umfassend eine Schnittstelle für einen CD-Wechsler, **dadurch gekennzeichnet**, daß an der Schnittstelle (2) für den CD-Wechsler ein Schnittstellen-Emulator (4) und an dem Schnittstellen-Emulator (4) ein Abspielgerät (7) für komprimiert abgespeicherte Audiosignale angeschlossen ist, wobei der Schnittstellen-Emulator (4) vom Kraftfahrzeug-Audiogerät (1) kommende Steuer- und Statussignale in ein für das Abspielgerät (7) kompatibles Format und vom Abspielgerät (7) kommende Statussignale in ein CD-Wechsler kompatibles Format umsetzt.
2. Kraftfahrzeug Audiogerät nach Anspruch 1, dadurch gekennzeichnet, daß ein Signalausgang des Abspielgerätes (7) direkt mit einem Signaleingang (3) des Kraftfahrzeug-Audiogerätes (1) verbunden ist.
3. Kraftfahrzeug-Audiogerät nach Anspruch 1 oder 2, dadurch gekennzeichnet, daß der Schnittstellen-Emulator (4) und Abspielgerät (7) als separate Einheiten ausgebildet sind, die über mindestens eine Schnittstelle zur drahtlosen Verbindung (5, 9) miteinander kommunizieren.
4. Kraftfahrzeug-Audiogerät nach einem der vorangehenden Ansprüche, dadurch gekennzeichnet, daß über den Schnittstellen-Emulator (4) oder eine Steckverbindung Abspielgerät (7) mit dem Kraftfahrzeug-Bordnetz (8) verbunden ist.
5. Kraftfahrzeug-Audiogerät nach einem der vorangehenden Ansprüche, dadurch gekennzeichnet, daß im Schnittstellen-Emulator (4) Mittel zur Konvertierung verschiedener tragbarer Medienwiedergabegeräte abgelegt sind, die wahlweise mit dem Schnittstellen-Emulator (4) verbindbar sind.

Hierzu 1 Seite(n) Zeichnungen

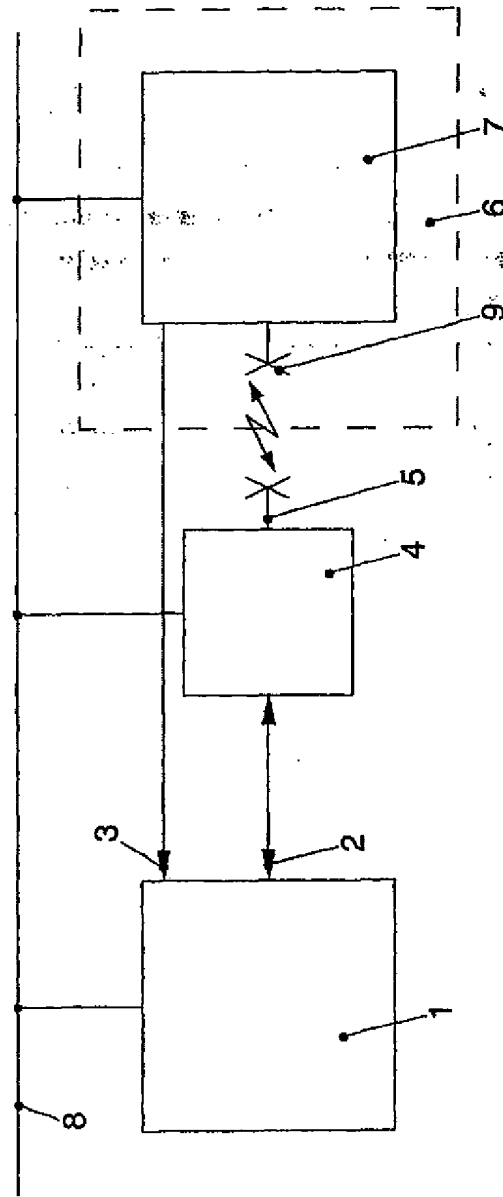


FIG. 1

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<b>EFS ID:</b>	10892092
<b>Application Number:</b>	13117507
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7767
<b>Title of Invention:</b>	System And Method for Communicating Media Content
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	21906
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	AFF.004C9US
<b>Receipt Date:</b>	07-SEP-2011
<b>Filing Date:</b>	27-MAY-2011
<b>Time Stamp:</b>	13:04:58
<b>Application Type:</b>	Utility under 35 USC 111(a)

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	Filing Date		2011-05-27
	First Named Inventor	Russell W. White, et al.	
	Art Unit		2618
	Examiner Name		
	Attorney Docket Number		AFF.004C9US

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6526335		2003-02-25	Treyz, et al.	
	2	6314094		2001-11-06	Boys	
	3	6192340		2001-02-20	Abecassis	
	4	7123936		2006-10-17	Rydbeck	
	5	6007228		1999-12-28	Agarwal, et al.	
	6	5974333		1999-10-26	Chen	

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	1	WO 0060450	WO		2000-10-12	Kumar		<input type="checkbox"/>
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5	ROLF, DEVON A., "System, Method, and Device For Playing Recorded Music on a Wireless Communications Device," U.S. Provisional Application No. 60/167,179, filed Nov. 23, 1999, 50 pages.	<input type="checkbox"/>
6	MUSICMATCH - JUKEBOX SOFTWARE, "MusicMatch Jukebox 4.2," Sep. 28, 1999, 1 page.	<input type="checkbox"/>
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13	Third Party Requester's Comments To Patent Owner's Reply of July 26, 2011, in Reexamination Control Number 95/001,266, filed August 25, 2011, 21 pages.	<input type="checkbox"/>
14	Applicant's Response To Action Closing Prosecution mailed June 27, 2011, in Reexamination Control Number 95/001,266, filed July 26, 2011, 23 pages.	<input type="checkbox"/>
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19	SIMONA, "Audi Reports Best September Sales Ever," TopSpeed.com, October 7th, 2008, 3 pages.	<input type="checkbox"/>
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21	JOHNSON, DREW, "VW Reports May Sales Gain," www.leftlanenews.com, December 20, 2010, 2 pages.	<input type="checkbox"/>
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25	The Deposition of Patrick Mueller, Affinity Labs of Texas, LLP, Plaintiffs, vs. BMW North America, LLC, et al., Defendants, February 25, 2010, Pages 1 - 2, and 46 - 48.	<input type="checkbox"/>
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27	The Deposition of Lori Markatos, Affinity Labs of Texas, LLP, Plaintiffs, vs. BMW North America, LLC, et al., Defendants, April 24, 2010, Pages 1 - 3, 5 and 23 - 24.	<input type="checkbox"/>
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29	The Deposition of Hugo Fiennes, Affinity Labs of Texas, LLP, Plaintiffs, vs. BMW North America, LLC, et al., Defendants, May 20, 2010, Pages 1 - 3 and 35 - 41.	<input type="checkbox"/>
30	The Deposition of Marc Merlin, Affinity Labs of Texas, LLP, Plaintiffs, vs. BMW North America, LLC, et al., Defendants, March 17, 2010, Pages 1 - 2, 14, 29 and 36.	<input type="checkbox"/>

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4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	10892355
<b>Application Number:</b>	13117507
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7767
<b>Title of Invention:</b>	System And Method for Communicating Media Content
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	21906
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	AFF.004C9US
<b>Receipt Date:</b>	07-SEP-2011
<b>Filing Date:</b>	27-MAY-2011
<b>Time Stamp:</b>	13:25:09
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	AFF004C9ids090711.pdf	42299 <small>db5e8c072b82ca2a33d01e16d93d6c8fb71e17</small>	no	7

### Warnings:

### Information:

This is not an USPTO supplied IDS fillable form					
2	Non Patent Literature	3com1of2.pdf	2424494	no	121
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<b>Warnings:</b>					
<b>Information:</b>					
3	Non Patent Literature	3com2of2.pdf	2853046	no	127
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<b>Warnings:</b>					
<b>Information:</b>					
4	Non Patent Literature	simona.pdf	127063	no	3
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<b>Warnings:</b>					
<b>Information:</b>					
5	Non Patent Literature	PressReleaseAudiReports.pdf	59765	no	2
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<b>Information:</b>					
6	Non Patent Literature	Johnson.pdf	130242	no	2
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<b>Information:</b>					
7	Non Patent Literature	PressReleaseVolkswagen.pdf	69948	no	2
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<b>Warnings:</b>					
<b>Information:</b>					
8	Non Patent Literature	quattroholic.pdf	194915	no	3
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<b>Warnings:</b>					
<b>Information:</b>					
9	Non Patent Literature	halliday.pdf	490582	no	5
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<b>Information:</b>					
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<b>Information:</b>					
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<b>Warnings:</b>					
<b>Information:</b>					
13	Non Patent Literature	DepJamesMinarik.pdf	414927 78b4da9133e899c8b7854843ad862c1871f0ef1e	no	8
<b>Warnings:</b>					
<b>Information:</b>					
14	Non Patent Literature	DepHugoFiennes.pdf	849089 4d076f28a290295f5038633bcbe022d7e5288696	no	10
<b>Warnings:</b>					
<b>Information:</b>					
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<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			8944808		

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

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

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

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

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



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Table with 7 columns: APPLICATION NUMBER, FILING or 371(c) DATE, GRP ART UNIT, FIL FEE REC'D, ATTY. DOCKET NO, TOT CLAIMS, IND CLAIMS. Row 1: 13/117,507, 05/27/2011, 2618, 1090, AFF.004C9US, 20, 3

CONFIRMATION NO. 7767

UPDATED FILING RECEIPT

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



Date Mailed: 07/14/2011

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

Applicant(s)

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

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

Domestic Priority data as claimed by applicant

This application is a CON of 12/495,190 06/30/2009 PAT 7,953,390 \*
which is a CON of 12/015,320 01/16/2008 PAT 7,778,595
which is a CON of 10/947,755 09/23/2004 PAT 7,324,833
which is a CON of 09/537,812 03/28/2000 PAT 7,187,947
(\*)Data provided by applicant is not consistent with PTO records.

Foreign Applications (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.)

If Required, Foreign Filing License Granted: 06/08/2011

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 13/117,507

Projected Publication Date: 10/20/2011

Non-Publication Request: No

Early Publication Request: No

**Title**

System And Method for Communicating Media Content

**Preliminary Class**

455

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

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

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

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

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

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

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Russell W. White, et al.	§	Group Art Unit:	2618
		§		
Serial No.:	13/117,507	§		
		§	Examiner:	Unassigned
Filed:	May 27, 2011	§		
		§		
For:	System And Method To	§	Atty. Dkt. No.:	AFF.004C9US
	Communicate Targeted	§		
	Information	§		

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

**RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS**

Sir:

In response to the Notice to File Corrected Application Papers mailed June 9, 2011, attached please find the corrected formal drawings in the above-referenced case.

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

Respectfully submitted,

Date: July 6, 2011

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

Date of Deposit: July 6, 2011  
I hereby certify under 37 CFR § 1.8 this correspondence is being deposited **via EFS** on the date indicated above.

/Stephanie Petreas/

**Stephanie Petreas**



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.

<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	13/117,507
	Filing Date	May 27, 2011
	First Named Inventor	Russell W. White, et al.
	Art Unit	2618
	Examiner Name	Unassigned
Total Number of Pages in This Submission	Attorney Docket Number	AFF.004C9US

ENCLOSURES <i>(Check all that apply)</i>		
<input type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Two Sheets of Replacement Drawings	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	TROP, PRUNER & HU, P.C.		
Signature	/Mark J. Rozman/		
Printed name	Mark J. Rozman		
Date	July 6, 2011	Reg. No.	42,117

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
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# REPLACEMENT SHEET

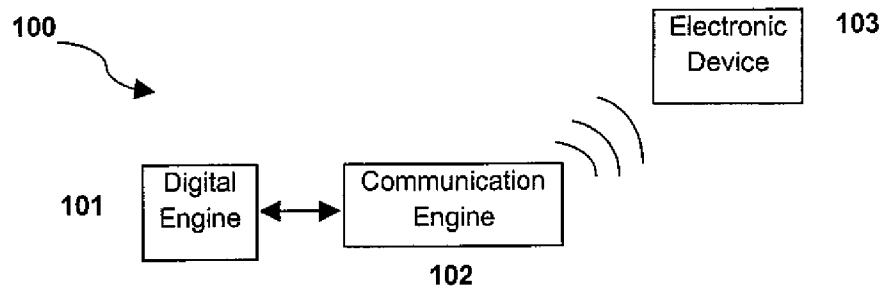
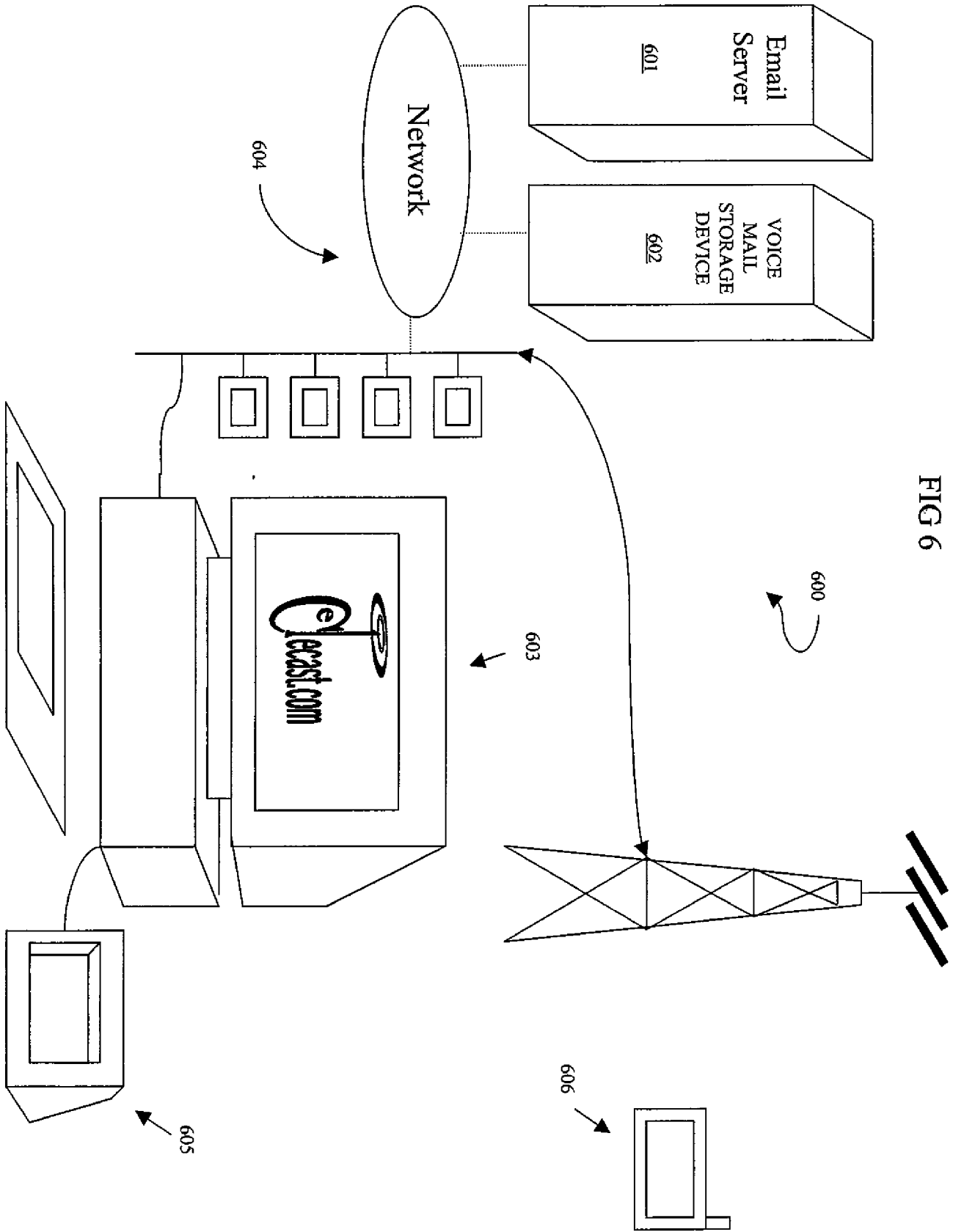


FIG. 1

FIG 6



## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	10463600
<b>Application Number:</b>	13117507
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7767
<b>Title of Invention:</b>	System And Method for Communicating Media Content
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	21906
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	AFF.004C9US
<b>Receipt Date:</b>	06-JUL-2011
<b>Filing Date:</b>	27-MAY-2011
<b>Time Stamp:</b>	17:12:39
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Applicant Response to Pre-Exam Formalities Notice	AFF004C9USReplytoNotice.pdf	53816 <small>6dd6c811ab327313b9b01c40176a47f2887487d3</small>	no	1

### Warnings:

### Information:

2	Transmittal Letter	AFF004C9UTransmittal.pdf	86688	no	1
			34a36742e2a5cbd7bde697c8ae33fa010be83294		
<b>Warnings:</b>					
<b>Information:</b>					
3	Drawings-only black and white line drawings	AFF004C9USReplacementDrawings.pdf	56991	no	2
			92a359c0bbdf2ccde095497360f02befc0cc3c16		
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>				197495	

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**PATENT APPLICATION FEE DETERMINATION RECORD**

Substitute for Form PTO-875

Application or Docket Number  
13/117,507

**APPLICATION AS FILED - PART I**

(Column 1)		(Column 2)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE(\$)	FEE(\$)		RATE(\$)	FEE(\$)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	330
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A			N/A	540
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	220
TOTAL CLAIMS (37 CFR 1.16(j))	20	minus 20 = *			OR	x 52 =	0.00
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3	minus 3 = *				x 220 =	0.00
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$270 (\$135 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).						0.00
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							0.00
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	1090

**APPLICATION AS AMENDED - PART II**

(Column 1)		(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total (37 CFR 1.16(i))	*	Minus **	=	x =	OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus ***	=	x =	OR	x =	
	Application Size Fee (37 CFR 1.16(s))					OR		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					OR		
TOTAL ADD'L FEE					OR	TOTAL ADD'L FEE		
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total (37 CFR 1.16(i))	*	Minus **	=	x =	OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus ***	=	x =	OR	x =	
	Application Size Fee (37 CFR 1.16(s))					OR		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					OR		
TOTAL ADD'L FEE					OR	TOTAL ADD'L FEE		

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



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CONFIRMATION NO. 7767

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

FILING RECEIPT



Date Mailed: 06/09/2011

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

Applicant(s)

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

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

Domestic Priority data as claimed by applicant

This application is a CON of 12/495,190 06/30/2009 PAT 7,953,390 \*
which is a CON of 12/015,320 01/16/2008 PAT 7,778,595
which is a CON of 10/947,755 09/23/2004 PAT 7,324,833
which is a CON of 09/537,812 03/28/2000 PAT 7,187,947
(\*)Data provided by applicant is not consistent with PTO records.

Foreign Applications (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.)

If Required, Foreign Filing License Granted: 06/08/2011

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 13/117,507

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

Non-Publication Request: No

Early Publication Request: No

**Title**

System And Method for Communicating Media Content

**Preliminary Class**

455

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

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

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

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

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

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

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

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UNITED STATES PATENT AND TRADEMARK OFFICE

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Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 4 columns: APPLICATION NUMBER (13/117,507), FILING OR 371(C) DATE (05/27/2011), FIRST NAMED APPLICANT (Russell W. White), ATTY. DOCKET NO./TITLE (AFF.004C9US)

CONFIRMATION NO. 7767

FORMALITIES LETTER

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



Date Mailed: 06/09/2011

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

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

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

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121(d) are required. The drawings submitted are not acceptable because:
The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 1, 6.

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

Replies should be mailed to:

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

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
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If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

/tmekuria/

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



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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
13/117,507	05/27/2011	Russell W. White	AFF.004C9US

**CONFIRMATION NO. 7767**

**POA ACCEPTANCE LETTER**

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



Date Mailed: 06/09/2011

**NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY**

This is in response to the Power of Attorney filed 05/27/2011.

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

/tmekuria/

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

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
AFF.004C9US

Total Pages in this Submission

### COMMISSIONER FOR PATENTS

P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**System and Method To Communicate Targeted Information**

and invented by:

**Russell W. White, Kevin R. Imes**

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

Continuation     Divisional     Continuation-in-part (CIP) of prior application No.: 12/495,190

Which is a:

Continuation     Divisional     Continuation-in-part (CIP) of prior application No.: 12/015,320

Which is a:

Continuation     Divisional     Continuation-in-part (CIP) of prior application No.: 10/947,755

Enclosed are:

#### Application Elements

1.  Filing fee as calculated and transmitted as described below
2.  Specification having 36 pages and including the following:
  - a.  Descriptive Title of the Invention
  - b.  Cross References to Related Applications (if applicable)
  - c.  Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d.  Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
  - e.  Background of the Invention
  - f.  Brief Summary of the Invention
  - g.  Brief Description of the Drawings (if filed)
  - h.  Detailed Description
  - i.  Claim(s) as Classified Below
  - j.  Abstract of the Disclosure



**UTILITY PATENT APPLICATION TRANSMITTAL  
(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
AFF.004C9US

Total Pages in this Submission

**Accompanying Application Parts (Continued)**

17.  Additional Enclosures *(please identify below):*

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

18.  Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

19.  Other:

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
AFF.004C9US

Total Pages in this Submission

### Fee Calculation and Transmittal

CLAIMS AS FILED						
For	#Filed	#Allowed	#Extra	Rate		Fee
Total Claims	20	- 20 =	0	x	\$52.00	\$0.00
Indep. Claims	3	- 3 =	0	x	\$220.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>						\$0.00
Total # of Pages in Specification		36	Total # of Drawing Sheets		9	
Total # of Sheets	45	<b>Application Size Fee</b>				\$0.00
						<b>Basic Fee</b>
						\$330.00
						<b>Search Fee</b>
						\$540.00
						<b>Examination Fee</b>
						\$220.00
<b>OTHER FEE (specify purpose)</b>						\$0.00
<b>TOTAL FILING FEE</b>						<b>\$1,090.00</b>

- A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- The Director is hereby authorized to charge and credit Deposit Account No. **20-1504** as described below.
- Charge the amount of \_\_\_\_\_ as filing fee.
  - Credit any overpayment.
  - Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
  - Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Dated: 5/27/11

  
\_\_\_\_\_  
Signature

Mark J. Rozman, Reg. No. 42,117  
TROP, PRUNER & HU, P.C.  
1616 S. Voss Road, Suite 750  
Houston, TX 77057

Customer Number: 21906

cc:



# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
AFF.004C9US

Total Pages in this Submission

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P.O. Box 1450  
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Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**System and Method To Communicate Targeted Information**

and invented by:

**Russell W. White, Kevin R. Imes**

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

Continuation     Divisional     Continuation-in-part (CIP) of prior application No.: 12/495,190

Which is a:

Continuation     Divisional     Continuation-in-part (CIP) of prior application No.: 12/015,320

Which is a:

Continuation     Divisional     Continuation-in-part (CIP) of prior application No.: 10/947,755

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#### Application Elements

1.  Filing fee as calculated and transmitted as described below
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  - b.  Cross References to Related Applications (if applicable)
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  - g.  Brief Description of the Drawings (if filed)
  - h.  Detailed Description
  - i.  Claim(s) as Classified Below
  - j.  Abstract of the Disclosure

**UTILITY PATENT APPLICATION TRANSMITTAL  
(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
AFF.004C9US

Total Pages in this Submission

**Application Elements (Continued)**

3.  Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a.  Formal                      Number of Sheets                      9
- b.  Informal                      Number of Sheets                      \_\_\_\_\_
4.  Oath or Declaration
- a.  Newly executed *(original or copy)*                       Unexecuted
- b.  Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c.  With Power of Attorney                       Without Power of Attorney
- d.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.  CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7.  Application Data Sheet (See 37 CFR 1.76)
8.  Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a.  Computer Readable Form (CRF)
- b.  Specification Sequence Listing on:
- i.  CD-ROM or CD-R (2 copies); or
- ii.  Paper
- c.  Statement(s) Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

9.  Assignment Papers *(cover sheet & document(s))*
10.  37 CFR 3.73(B) Statement *(when there is an assignee)*
11.  English Translation Document *(if applicable)*
12.  Information Disclosure Statement/PTO-1449                       Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16.  Certificate of Mailing
- First Class                       Express Mail *(Specify Label No.):* Filed Via EFS

**UTILITY PATENT APPLICATION TRANSMITTAL  
(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
AFF.004C9US

Total Pages in this Submission

**Accompanying Application Parts (Continued)**

17.  Additional Enclosures *(please identify below):*

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

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19.  Other:

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
AFF.004C9US

Total Pages in this Submission

### Fee Calculation and Transmittal

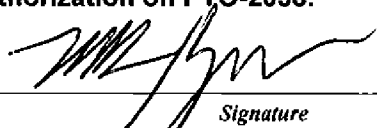
CLAIMS AS FILED						
For	#Filed	#Allowed	#Extra	Rate		Fee
Total Claims	20	- 20 =	0	x	\$52.00	\$0.00
Indep. Claims	3	- 3 =	0	x	\$220.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>						\$0.00
Total # of Pages in Specification		36	Total # of Drawing Sheets		9	
Total # of Sheets	45	<b>Application Size Fee</b>				\$0.00
						<b>Basic Fee</b>
						\$330.00
						<b>Search Fee</b>
						\$540.00
						<b>Examination Fee</b>
						\$220.00
<b>OTHER FEE (specify purpose)</b>						\$0.00
<b>TOTAL FILING FEE</b>						<b>\$1,090.00</b>

- A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- The Director is hereby authorized to charge and credit Deposit Account No. **20-1504** as described below.
- Charge the amount of \_\_\_\_\_ as filing fee.
  - Credit any overpayment.
  - Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
  - Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Payment by credit card. Form PTO-2038 is attached.

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Dated: 5/27/11

  
Signature

Mark J. Rozman, Reg. No. 42,117  
TROP, PRUNER & HU, P.C.  
1616 S. Voss Road, Suite 750  
Houston, TX 77057

Customer Number: 21906

cc:

**APPLICATION**

**FOR**

**UNITED STATES LETTERS PATENT**

**TITLE:           SYSTEM AND METHOD TO COMMUNICATE  
TARGETED INFORMATION**

**INVENTORS:   RUSSELL W. WHITE; KEVIN R. IMES**

Filed Via EFS

Date: May 27, 2011

## SYSTEM AND METHOD TO COMMUNICATE TARGETED INFORMATION

[0001] This application is a continuation of U.S. Patent Application Serial No. 12/495,190, filed on June 30, 2009, which is a continuation of U.S. Patent Application No. 12/015,320, filed January 16, 2008, which is now U.S. Patent No. 7,778,595, which issued on August 17, 2010, which is a continuation of U.S. Patent Application No. 10/947,755, filed on September 23, 2004, which is now U.S. Patent No. 7,324,833, which issued on January 29, 2008, which is a continuation of U.S. Patent Application No. 09/537,812, filed on March 28, 2000, which is now U.S. Patent No. 7,187,947, which issued on March 6, 2007, the disclosures of which are all hereby incorporated herein by reference in their entirety for all purposes.

### Field of the Disclosure

[0002] The present disclosure relates to digitally stored content and, more specifically, to a content delivery system and method.

### Background

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

[0004] Unfortunately, analog radio may be unable to provide the sound quality and consistency that radio listeners desire. As such, several broadcasting related companies have begun to consider a movement to digital radio. Unlike analog radio reception, digital radio reception may be able to provide compact disk (CD) quality sound while remaining virtually

immune to interference. Being immune to interference may result in reducing static growls or "multipath" echoes, echoes caused by signal reflections off buildings or topographical features.

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

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

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

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

### Brief Description of the Drawings

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

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

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

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

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

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

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

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

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

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

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



### Detailed Description

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

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

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

may be formatted, segmented, compressed, modified, etc. for the purpose of providing or communicating the audio invention. Therefore, the term "audio information" or "information" is used in a general sense to relate to audio information in all phases of communication.

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

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

[0025] System 100, utilizing communication engine 102, may wirelessly communicate data or information associated with the selected audio information to electronic device 103

thereby providing wireless communication of selected information to an electronic device operable to receive wireless communications. In one embodiment, digital engine 101 may be used in association with an Internet website configured to provide access to selectable information. The Internet website operably associated with digital engine 101 allows a user to select information to be wirelessly communicated to electronic device 101 utilizing a network environment. The Internet website may include several different types of information related to audio information.

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

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

modular device, an audio system, a personal digital assistant (PDA), a cellular phone, or other electronic devices operable to receive information wirelessly communicated by communication engine 102.

[0028] Communications engine 102 may be operable to wirelessly communicate selected information to electronic device 103 in a plurality of ways. The present invention advantageously allows for several different embodiments of wirelessly communicating selected audio information to electronic device 103 and is not limited to any specific configuration described below. Several different types or combinations of wireless communication may be realized by the present invention. Communications engine 102 may be operable to wirelessly communicate the selected information from an information network, such as the Internet, to an electronic device operable to receive wireless communications. In one embodiment, communications engine 102 may comprise a conduit to interface information with a wireless communication network. The conduit may configure the information located within the information network into a format operable to be transmitted via wireless communication.

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

[0030] In one embodiment, the selective information may be communicated using a digital broadcast signal. Digital broadcast includes providing information via a signal such as

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

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

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

different phases to be wirelessly communicated to an electronic device. Therefore, the electronic device may be operable to receive multiple phased signals and process the selective information accordingly.

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

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

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

communicatively coupled to digital engine 101, may wirelessly communicate selected information to electronic device 103.

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

[0037] The method begins generally at step 200. At step 201, selectable audio information may be accessed utilizing a network communications device. For example, selectable audio information may be displayed at an Internet website accessible by a personal computer. In another embodiment, the selectable information may be accessed utilizing a wireless communications device such as, a cellular phone, a PDA device, or other devices operable to provide access to the selectable audio information.

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

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

[0040] Upon maintaining information or data associated with the selected information, the method proceeds to step 204 where the method wirelessly communicates information associated with the selected information to an electronic device. For example, if an audio file

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

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

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



the need for land lines, terrestrial communication networks, etc. for communicating selective information.

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

[0044] FIG. 3 illustrates an electronic device operable to receive selected audio information in accordance with the teachings of the present invention. Electronic device 300 includes a communication module 301 such as a transceiver coupled to storage medium 303 such as a high speed buffer, programmable memory, or other devices operable to store information. Electronic device 300 may also include processor 302 operably associated with communication module 301 and storage medium 303. Processor 302 may be operable to process wirelessly communicated selected information and in one embodiment may be integrated as part of communication module 301 of storage medium 303. In the same manner, as larger scale integration of electronic devices proliferate, communication module 301, processor 302, and storage medium 303 may be integrated into one communication component or device operable as electronic device 300.

[0045] Processor 302 may be operable using software that may be stored within storage medium 303. In one embodiment, software upgrades may be communicated to electronic device 300 via wireless communication allowing for efficient system upgrades for electronic device

300. Storage medium 303 may include one or several different types of storage devices. For example, storage medium 303 may include programmable gate arrays, ROM devices, RAM devices, EEPROMs, minidisks or other memory devices operable to store information.

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

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

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

[0049] For example, electronic device 300 may utilize transceiver 301 to receive wirelessly communicated information. Electronic device 300 may then be coupled to an

automobile sound system using an interface and communicate the received information to the automobile sound system. In this manner, electronic device 300 may be used to provide the automobile sound system with audio files received via wireless communication.

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

[0051] For example, a specific frequency may be selected (i.e., 93.7 MHz) for communicating the wireless received selected information from electronic device 300 to a localized audio system. Electronic device 300 communication of the wirelessly received information allows a conventional receiver to receive the selected audio information. In one embodiment, the conventional receiver may be configured to receive a digital sub-carrier, on-carrier, or other within a specified frequency. Therefore, electronic device 300 may be operable to locally transmit the signal at a specific frequency thereby allowing the conventional receiver to receive the information. In another embodiment, electronic device 300 may be operable to scan plural bandwidths to receive the selective information. For example, transceiver 301 may be operable to receive selective information across several frequencies and process the received information accordingly.

[0052] In another embodiment, electronic device 300 may be operable to scan several frequencies to obtain the desirable information. For example, a user may select several Internet broadcasts comprised of streaming audio information. Therefore, the information may be

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

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

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

for communicating with an automobile audio system and may further be operating to receive incoming cellular calls.

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

[0056] FIG. 4 illustrates a graphical user interface (GUI) for displaying selectable audio information according to one aspect of the present invention. The GUI may be operable with a computer system, cellular device, PDA, or other electronic devices or systems operable to display the GUI of FIG. 4. The GUI, shown generally at 400, may be displayed using a conventional web browser 402 such as Microsoft.RTM. Internet Explorer, a WAP browser, or other browsers operable to display the audio information. Browser 402 includes browser functions, shown collectively at 403, for navigating a network such as the Internet or an intranet. Homepage 401 may be displayed using browser 402 and may include several functions, features, information, etc. related to audio information. Home page 401 may be developed using several different types of programming (i.e., HTML, XML, Java, etc.) used to developing a network location or website.

[0057] The present invention is not limited to any one specific type of software and may be realized in plurality of ways as can be appreciated by those skilled in the art. Homepage 401 may also include login region 410 allowing a user to log into homepage 401 and display a user-

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

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

[0059] Radio tab 406 may also be provided for displaying audio information. For example, radio tab 406 may display a collective menu 411 of selectable functions or features associated with audio information. Top ten lists may be provided to a user based on several different billboard polls or genres. A search engine may be provided allowing a user to search for a specific type of audio information such as an artist, song title, and genre. Internet radio station, etc. In one embodiment, a user may input the lyrics to a song within the search engine. As such, the search engine may locate several different songs having the desirable lyrics and allow a user to select the search results. A user may also use a select a device feature that allows a user to select a destination device for communicating selected audio information. For

example, a user may want to communicate a playlist to several different devices such as a PDA, a home computer system, a work computer system, etc.

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

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

[0062] Radio dial 412 may also be displayed as a separate user interface and in some embodiments, does not require a "browsing" environment to view radio dial 412. For example, an electronic device, such as a PDA, having a display may graphically present radio dial 412 to a user. One example may be using electronic device in association with an automobile audio system. Electronic device may display radio dial 412 and may allow a user to navigate, modify,

select, adjust volume, access daytimer, access phone lists, etc. or perform other functions while the electronic device is used in association with an automobile sound system. Therefore, radio dial 412 may be operable as an application for use with several different types of electronic devices (i.e., computer systems, portable computing devices, cellular phones, etc.) operable to display radio dial 412 and in some embodiments may be wirelessly communicated to an electronic device.

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

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



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

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

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

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

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

[0069] During operation, system 600 communicates voice mail messages to a user utilizing email server 601. For example, if a user receives a voice mail message, email server 601 would be notified and a voice mail message would be sent to the user's email account in the form of an email message. For example, a voice mail message would be sent to a user's email account within intranet 604 in the form of an audio file as an attachment to the email. Upon receiving the email, a user may click on the audio file representing the voice mail message to hear the message left by a caller.

[0070] In one embodiment, a user may be accessing the Internet via a phone line and, as such, be unable to receive notification that a voice mail message has been received. System 600 would receive the voice mail message and send an email comprising the voice mail message to the user email account. In this manner, a user can remain connected to the network and receive voice mail without having to log off or disconnect from the Internet. In one embodiment, a user may receive the voice mail message via a portable electronic device. For example, a user may be using remote device 605 operable to receive wirelessly communicated information. System

600 would receive the voice mail message and forward the voice mail message to a user's portable electronic device 606. In this manner, a user may be capable of receiving voice emails at remote locations.

[0071] In another embodiment, a user may subscribe to use an Internet email account that may be operably associated with system 600. Utilizing an Internet email account may allow a user the flexibility to check voice email messages from any location in the world. For example, a user may access a "Hotmail" email account while traveling on business in a foreign country. The user, upon gaining access to the "Hotmail" account, would be able to listen to voice mail messages sent to the user via the "Hotmail" email account. Through utilizing an email account to receive voice mail messages, a user may be afforded great flexibility in communicating voice mail messages. For example, a user may be able to forward a voice mail message received in the form of an email to one or a plurality of other email accounts. In this manner, a voice email message may be sent efficiently to other email users.

[0072] For example, a user may maintain a distribution list of individuals working on a particular project that may have a need to hear certain voice email messages. In this manner, a user may efficiently disseminate information to other individuals while adding additional textual information to the body of the email allowing a user to comment on the original voice email message. In another embodiment, a user may forward a received voice email message to another account operable to receive forwarded voice email messages. For example, system 600 may be operable to receive an email message having a voice mail message as an attachment. The system would then be operable to forward the voice mail message to specified phone number, separate email account, and/or voice mail account, etc. thereby providing a user flexibility in receiving voice email.

[0073] In one embodiment, a user may utilize an email account to establish an answering service for voice mails. For example, a user's telephone number may be operable with an email account to provide an answering service. A user may record a message for a specified phone

number or extension and, upon receiving an incoming call; the recorded message may be played back to incoming the call's initiator. System 600 would then forward the received voicemail message via an email account to the user. For example, a user may have an account set up at a residence for receiving voicemail messages via a user-defined email account. The user could then forward all received voice mails from the home account to an email account at a place of work. Therefore, the user may have complete access to received voicemail messages. In the same manner, a user could set up their work phone number to forward a voicemail message to the user's home email account thereby allowing a user to receive a voicemail at a home email account. Therefore, system 600 may be operable in a plurality of ways to provide email messages comprised of voicemail messages received via a voice mail or email account.

[0074] FIG. 7 illustrates a flow chart for providing voice email messages according to one embodiment of the present invention. The method begins at step 701 where a voice mail message is left for a user. The message could be at a residence, place of business, etc. The method then proceeds to step 702 where the message may be stored as an audio file within a database operable to store a file comprised of the voice mail message. Upon storing the file, the method proceeds to step 703 where an electronic mail message may be generated. The electronic mail message may be addressed to the recipient of the voice mail message. The method then proceeds to step 704 where the audio file representing the voice mail message is attached to the electronic message.

[0075] Upon attaching the audio file, the method then proceeds to step 705 where the email message may be sent to the email address. Upon sending the email message the method proceeds to step 706 where the method determines if the email message should be sent to a wireless electronic device. If the message is not to be sent to a wireless device, the method proceeds to step 720 where the method ends. If the message is to be sent to a wireless electronic device, the method proceeds to step 707 where a signal may be sent to the wireless electronic device and at step 708 an indication is provided to the electronic device indicating that a

voicemail message has been received via a user's email account. The method may then proceed to step 709 where the user decides whether or not to listen to the voice email message. If the user decides not to listen to the voice email message, the method may proceed to step 710 where the method ends. If the user decides to listen to the voice email message, the method proceeds to step 711 where a request may be sent by the electronic device requesting the voice email message be forwarded to the user's electronic device.

[0076] At step 712, the voicemail message may be sent to the user's electronic device. Upon forwarding the voicemail message to the user the method may proceed to step 720 where the method ends. As such, FIG. 7 depicts one method of providing an email message comprised of a voice mail message. Certainly, other methods may be deployed as advancements in technology and are made without departing for the spirit and scope of the present invention.

[0077] FIG. 8 illustrates a flow diagram of a method for providing selected audio information to an electronic device according to one embodiment of the present invention. The method begins at step 800 where a user accesses a webpage via the Internet. The webpage may be a home page illustrated in FIG. 4 or other web pages operable to display selectable references to audio information. The method proceeds to step 801 where a user selects desirable audio information. For example, a user may select a single song, a plurality different songs, an entire album, a broadcast station, streaming audio, etc. or other selectable audio information. Upon the user selecting a reference to audio information, the method may proceed to step 802 where a playlist may be created that represents the user's selected audio information.

[0078] The playlist may be variable in size and comprised of a plurality of different types of available audio information. Upon creating a playlist, the method may proceed to step 803 where information associated with the playlist is obtained. For example, a list of network or URL locations comprised of the desirable audio information may be obtained. In this manner, desirable audio information may be obtained from many different sources such as URLs,

network addresses, hard drives, databases comprised of audio information, etc. The sources may be accessed to obtain the selected audio information.

[0079] Upon obtaining data associated with the customized playlist, the method may proceed to step 804 where the user is prompted for a destination for the playlist. For example, a user may want to communicate the selected audio information to a remote electronic device, an automobile audio system, a home stereo system, a home computer, an electronic device coupled to a home network or computer system, etc. or other locations or devices operable to receive the selected audio information. In one embodiment, a user may select a device owned by a friend to accept the selected audio information. For example, a husband may want to send a romantic playlist to his wife on their anniversary. In this situation, the husband would select his wife's electronic device as the receiving device for the selected audio information.

[0080] Upon selecting a device, the method proceeds to step 805 where the method determines the destination of the selected audio information. If the information is to be sent to a device via a wire line connection, the method proceeds to step 813 where playlist data is sent to a user via a wire line connection. The method may then proceed to step 814 where the playlist is executed at the device. If the information is to be sent to a device requiring wireless communication, the method proceeds to step 806 where the information is formatted for communicating the information to a wireless electronic device. For example, a wireless PDA device may be selected as a destination device for the selected audio information. The PDA device may include an audio player, such as an MP3 player operable to play or execute MP3 audio files. In such an embodiment, the method could format the information such that the information may be wirelessly communicated and subsequently played by the MP3 player.

[0081] Upon formatting the information, the method may then proceed to step 807 where the audio information is wirelessly communicated to the selected device. In some embodiments, the device may be operable to receive a limited amount of information based upon storage capacity of the device (i.e., 16 MB). In such a case, the method may divide the information into

component parts and periodically communicate the component parts, such as packets, to the electronic device. Upon communicating the audio information, the method may then proceed to step 808 where the signal may be received by the destination or electronic device.

[0082] The method may then proceed to step 809 where the method determines if all of the audio information has been received. For example, if 16 MB or 32 MB of selected audio information was initially transmitted due to capacity limitations of the selected device, the method may query the selected device to determine if capacity is available. If available memory exists, the method may proceed to step 807 where the method may communicate additional audio information based upon the amount of available memory. The method repeats until all of the selected audio information has been transmitted.

[0083] Upon communicating the selected information, the method may proceed to step 810 where the playlist may be executed. For example, a user may select a continuous communication of selected audio information (e.g., several hours of music. Internet broadcast, etc.). As such, the method may continuously play or execute the received audio information. In another embodiment, the method may proceed to step 811 where the method may store or buffer the received information until it is desirable to execute the received selected audio information. As such, upon executing the selected audio information, the method may proceed to step 809 where the method may repeat. In one embodiment, a user may elect to download a broadcast of an on-line radio station. For example, a user may want to listen to a radio station located in a remote location wherein conventional radio receivers could not receive the desired broadcast. For example, a person living in Houston, Tex. may not be able to receive a radio broadcast signal from a radio station in Seattle, Wash. utilizing a conventional radio receiver.

[0084] In accordance with the teachings of the present invention, a user may select an on-line broadcast or radio station as all or a part of the selected audio information. The user may then receive radio broadcasts without having to use a home computer system or conventional radio receiver.

[0085] At step 804, a user may select a device that does not require remote communication of information. For example, a user may elect to communicate the selected audio information to device, such as a personal computer, PDA device, MP3 player, etc. coupled via a network connection to the Internet or an Intranet. The user may receive the selected playlist at the determined device for eventual playing. In one embodiment, a user may select a plurality of devices as destination devices for receiving downloads of the selected audio information. For example, the user may want to download the information to a home stereo system, a PDA device, and an automobile stereo. As such, the selected information may be communicated to more than one destination device. In addition, the format of the download may match or conform to the selected destination device(s).

[0086] The present invention may be configured in a plurality of ways to communicate desirable audio information to users by allowing users to select desirable audio information and transmitting the desirable audio information to a specified destination thereby allowing a user to receive on-demand customized audio information. Moreover, the download may occur in an off-line environment, allowing a user to enjoy the selected audio information accessed on-line without having to be on-line or utilizing a browsing environment. In one embodiment of the present invention, the method of FIG. 8 may be modified to allow a user to select a "user group" for receiving customized audio information. For example, a "user group" may include users that prefer contemporary jazz wherein a user may request a certain song. Therefore, a virtual request line may be designed for a specific genre of music allowing "members" to transmit audio information to the "group".

[0087] In another embodiment of the present invention, the method may be modified to allow a user to select a specific genre to be transmitted to the users device. For example, a user may elect to have random country and western music transmitted to a destination device. The user could efficiently create a radio station format and have the format received at a destination device.



[0088] In a further embodiment, a user may select a group of genres to be downloaded to a desirable device. As such, the method may be modified to allow a user to select several different genres to download random music within the specified genres. In another embodiment, a user may elect to download the same music as another individual. For example, a user may want to download the same music as their best friend. Therefore the user could elect to download the same music as their friend or group of friends. In another example, a user may want to listen to the same music that an artist listens to on a specific weekday of evening. For example, a user may want to listen to the same music that Barry White listens to on a Saturday night.

[0089] Therefore, the user may select "Barry White's" Saturday night playlist and receive the same playlist Barry White receives on Saturday night. In another embodiment, the method of FIG. 8 may be modified to allow a user to manipulate song post download. For example, a user may want to store, delete, replay, copy, forward, etc. received audio information. Therefore, the method of FIG. 4 may be modified such that a user can manipulate or process the received audio information in a plurality of ways. In one embodiment of the present invention, an on-line radio station may be provided. For example, the radio station may be created for transmitting audio or on-line broadcasts. The on-line broadcasters or hosts may create their own format for broadcast. For example, an on-line radio station may be provided that transmits only children's songs.

[0090] Prior to conception of the present invention, conventional radio stations were monetarily limited to be capable of transmitting music such as children's songs to conventional radio receivers. The present invention, by providing a medium for transmitting selectable audio information, enables the existence of on-line broadcasting with little or no overhead cost for a host. A user may select an on-line broadcast for on-line or off-line delivery. In another embodiment, on-line broadcast of audio information representing books or novels may be provided to individuals such as the visually impaired. For example, an on-line broadcast station

may provide several hours of audio information broadcast representing books or novels to be broadcast with very little overhead.

[0091] FIG. 9 illustrates an automobile console having a mount for an electronic device according to one embodiment of the present invention. Console 900 includes a conventional audio system 901 comprised of a receiver 902 and CD player 903. Interface 904 may be coupled to audio system 901 via plug 905 and cable 908, which may be coupled to an auxiliary line into audio system 901. Interface 904 may also include contact 906 for contacting electronic device 907. Cable 908 may be a multiple conductive cable for providing power from the automobiles power system via a protection circuit or fuse 909 for powering electronic device 907. In one embodiment, interface 904 may be operable to recharge electronic device 907 utilizing a power source associated with an automobile.

[0092] During operation, electronic device 907 may be mounted within interface 904. Electronic device 907 may also be powered or recharged via power line 910 and communicate with the systems audio system via interface cable or bus line 911. Audio information communicated to electronic device 907 may be transferred to audio system 901 such that a user may listen to selected audio information. For example, a user may have previously selected a plurality of audio files to be transmitted to electronic device 907. Electronic device 907 may communicate the selected audio information to the automobiles audio system that utilizes interface 901 thereby allowing the user to listen to selected audio information. In one embodiment, cable 908 may be custom-installed to audio system 901. For example, the cable may be coupled to an auxiliary line for the system's radio or may be coupled to CD player line 912.

[0093] In another embodiment, a radio manufacturer may provide interface 904 as a standard interface integrated into the audio system, thereby allowing communication between electronic device 907, audio system 901 and/or console 900. Electronic device 907 may include a plurality of different types of devices. For example, electronic device 907 may include a PDA

device operable to store selected audio information. The information may be either remotely downloaded using an Internet web browser and wireless communication to the PDA device. In another embodiment, selected audio information may be communicated to a PDA device via a hard wire coupled to a computer system interfacing with the Internet. In another embodiment, electronic device 907 may include an audio file player operable to play audio files such as MP3s, etc.

[0094] The audio files may be remotely or locally communicated to electronic device 907 and upon coupling to audio system 901, the audio files may be transmitted to audio system 901 in a form receivable by audio system 901. Although the disclosed embodiments have been described in detail, it should be understood that various changes, substitutions and alterations can be made to the embodiments without departing from their spirit and scope.

[0095] The benefits, advantages, solutions to problems, and any element(s) that may cause any benefit, advantage, or solution to occur or become more pronounced are not to be construed as a critical, required, or essential feature or element of the present invention. Accordingly, the present invention is not intended to be limited to the specific form set forth herein, but on the contrary, it is intended to cover such alternatives, modifications, and equivalents, as can be reasonably included within the spirit and scope of the invention as provided by the claims below.

[0096] While the present invention has been described with respect to a limited number of embodiments, those skilled in the art will appreciate numerous modifications and variations therefrom. It is intended that the appended claims cover all such modifications and variations as fall within the true spirit and scope of this present invention.

What is claimed is:

1           1.       A method for targeted advertising, comprising:  
2           accessing at least one piece of demographic information associated with a user of  
3 a portable device comprising a display, a non-volatile memory, a processing device  
4 operable to execute instructions stored in the non-volatile memory, a portion of  
5 instructions saved locally at the portable device and configured to facilitate accessing of a  
6 network based resource, and at least one wireless transceiver;  
7           selecting an advertisement to be delivered to the user based at least in part on the  
8 at least one piece of demographic information; and  
9           initiating communication of a version of the advertisement that is configured for  
10 presentation at the portable device.

1           2.       The method of Claim 1, wherein the at least one piece of demographic  
2 information is selected from a group consisting of a gender demographic, an age  
3 demographic, and an ethnic demographic.

1           3.       The method of Claim 1, wherein the at least one piece of demographic  
2 information is derived from information input by the user.

1           4.       The method of Claim 1, further comprising selecting the advertisement to  
2 be delivered to the user based at least in part on a second piece of demographic  
3 information.

1           5.       The method of Claim 4, further comprising selecting the advertisement to  
2 be delivered to the user based at least in part on a third piece of demographic information.

1           6.       The method of Claim 1, further comprising formatting the advertisement  
2 for receipt by a cellular telephone, wherein the portable device is operable as a cellular  
3 telephone.

1           7.       The method of Claim 1, further comprising accepting a user inputting of  
2 the at least one piece of demographic information.

1           8.       The method of Claim 1, further comprising recognizing that the portable  
2 device is communicating with a network resource.

1           9.       The method of Claim 8, wherein the network resource is operable to  
2 communicate a streamed delivery of a media originating in a geographic location remote  
3 from a then current location of the portable device.

1           10.      The method of Claim 9, wherein the at least one piece of demographic  
2 information is a current location of the portable device.

1           11.      A targeted advertisement system, comprising:  
2           a memory maintaining a piece of demographic information about a user who has a  
3 cellular telephone;  
4           a first resource communicatively coupled to the memory and configured to select  
5 a particular advertisement that is targeted for a particular demographic group of which  
6 the user is a part according to the piece of demographic information; and  
7           a communication resource communicatively coupled to the first resource and  
8 configured to initiate a sending of the particular advertisement to the cellular telephone.

1           12.     The system of Claim 11, wherein the communication resource is further  
2 configured to format information representing the particular advertisement into a format  
3 receivable by the cellular telephone.

1           13.     The system of Claim 11, wherein the communication resource is operable  
2 to utilize hyper text markup language.

1           14.     The system of Claim 11, wherein the memory is maintaining a second  
2 piece of demographic information about the user, further wherein the first piece relates to  
3 a gender of the user and the second piece relates to an age of the user.

1           15.     The system of Claim 11, wherein the piece of demographic information is  
2 derived from information input by the user.

1           16.     The system of Claim 11, further comprising the cellular telephone,  
2 wherein the cellular telephone comprises a processor, a communication module  
3 configured to receive a wirelessly communicated collection of digital data packets, a  
4 display configured to present a user interface, a memory operable to store an over the air  
5 downloaded application, and a Bluetooth communication module.

1           17.     A computer readable medium to store computer executable modules for  
2 use by an advertising resource, the computer executable modules comprising:  
3           a computer executable demographic module to identify a first and a second piece  
4 of demographic information about a user with a portable device that is capable of  
5 communicating with a wireless network; and

6           a computer executable advertising module to select a targeted advertisement to be  
7 sent to the portable device, wherein the targeted advertisement is selected based upon at  
8 least the first piece of demographic information.

1           18.    The computer readable medium of Claim 17, further comprising a  
2 computer executable database module to maintain a user name and password for the user.

1           19.    The computer readable medium of Claim 17, further comprising an  
2 insertion module to initiate communication of the targeted advertisement to the portable  
3 device.

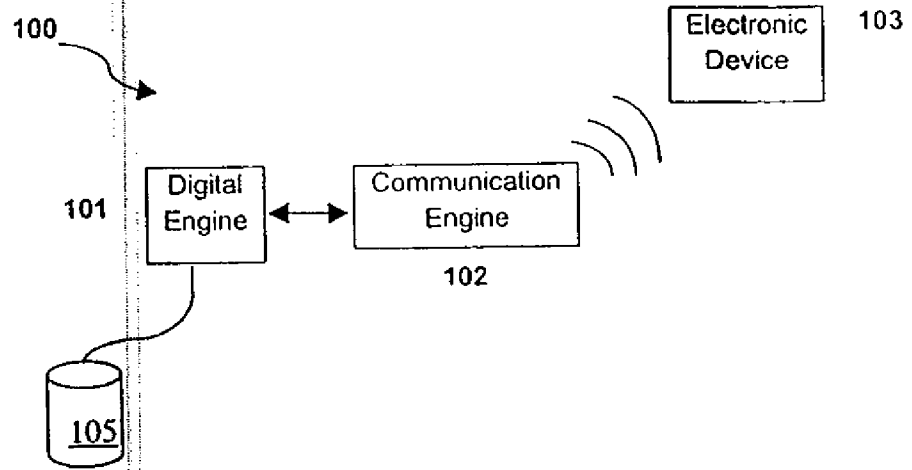
1           20.    The computer readable medium of Claim 17, further comprising a  
2 formatting module to ensure that the targeted advertisement is presentable by the portable  
3 device.

## SYSTEM AND METHOD TO COMMUNICATE TARGETED INFORMATION

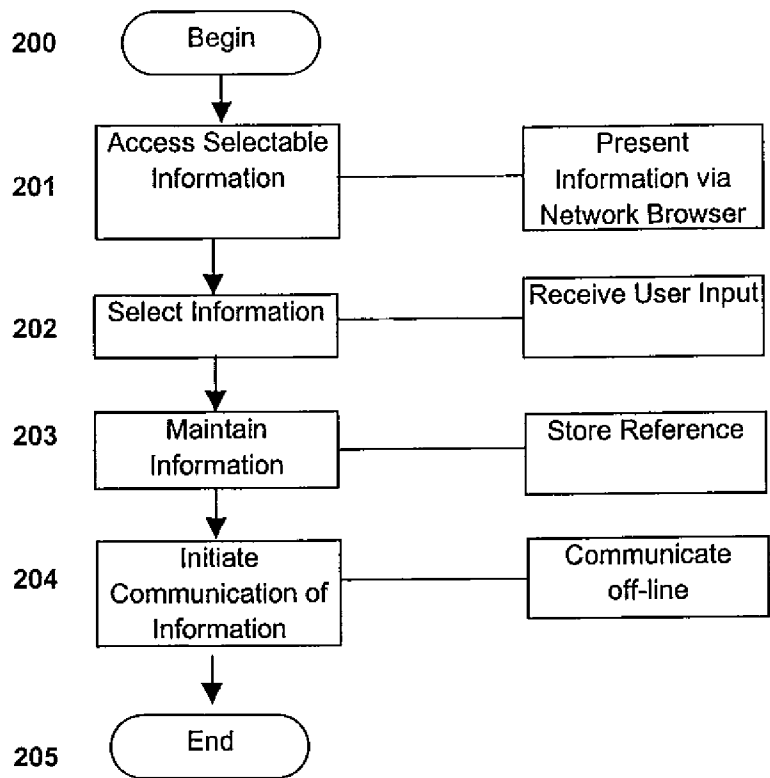
### Abstract of the Disclosure

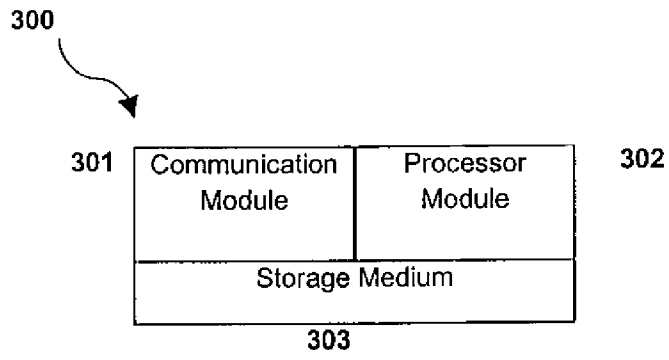
5 A method for targeted advertising is disclosed. The method includes accessing at least one piece of demographic information associated with a user of a portable device, selecting an advertisement to be delivered to the user based at least in part on the demographic information, and initiating communication of a version of the advertisement configured for presentation at the portable device.





**FIG. 1**

**FIG. 2**



**FIG. 3**

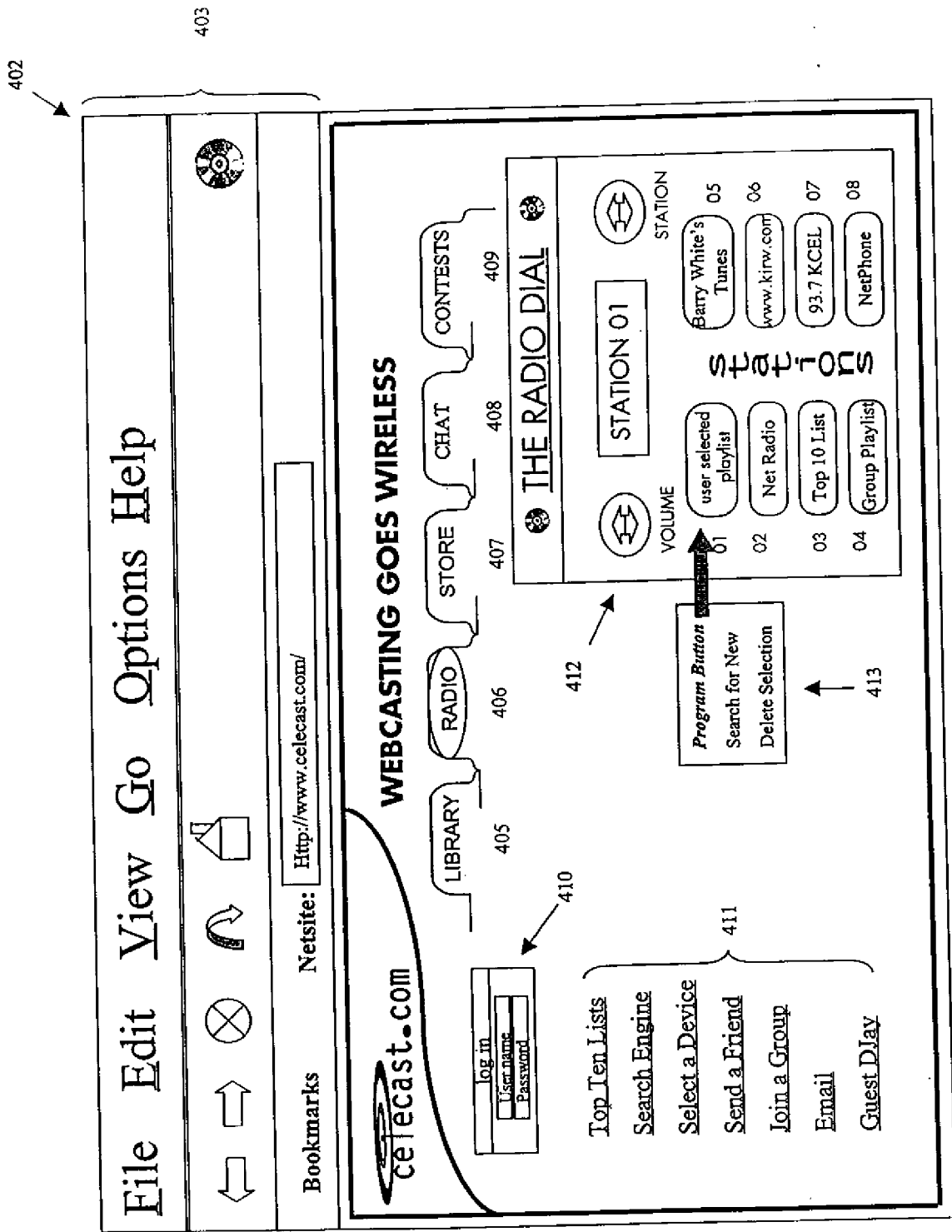
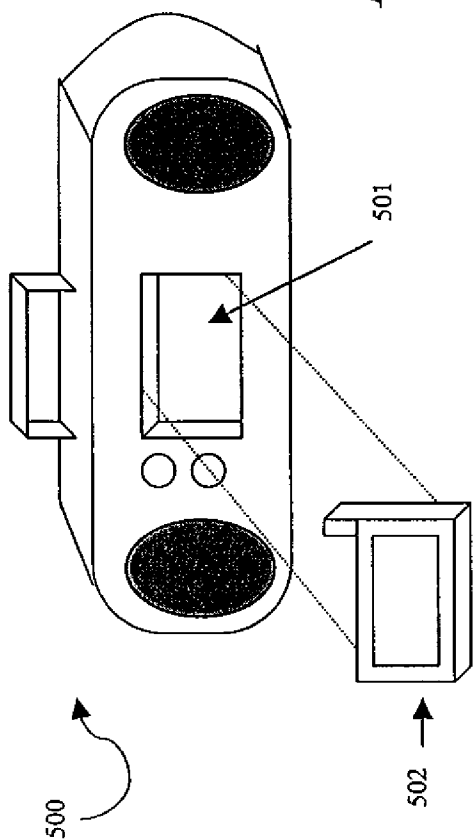
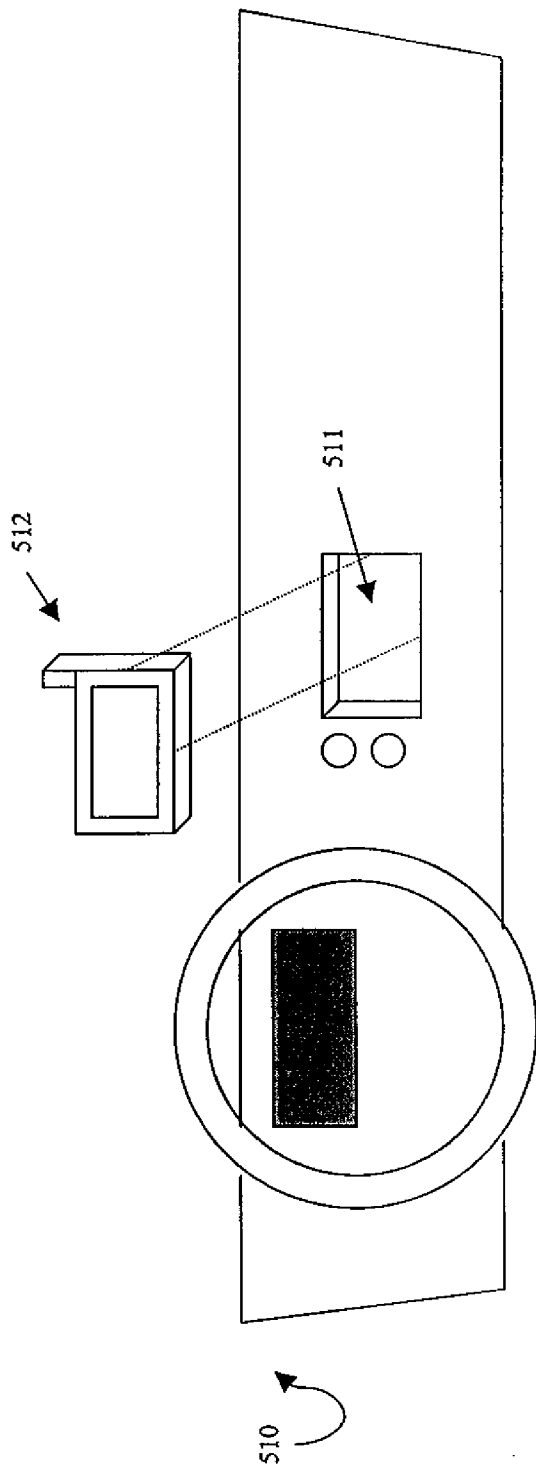


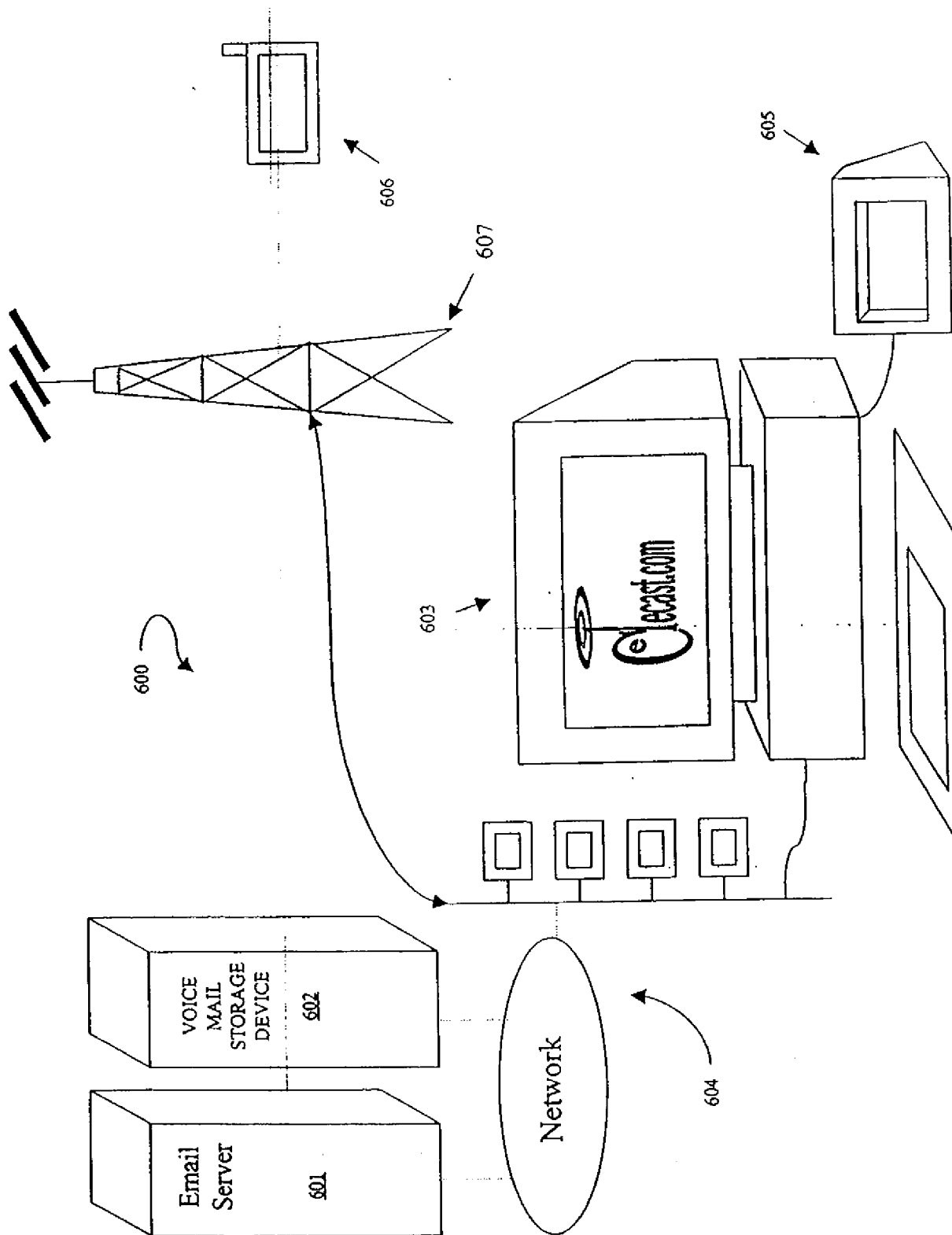
FIG. 4



**FIG. 5A**



**FIG. 5B**



**FIG. 6**

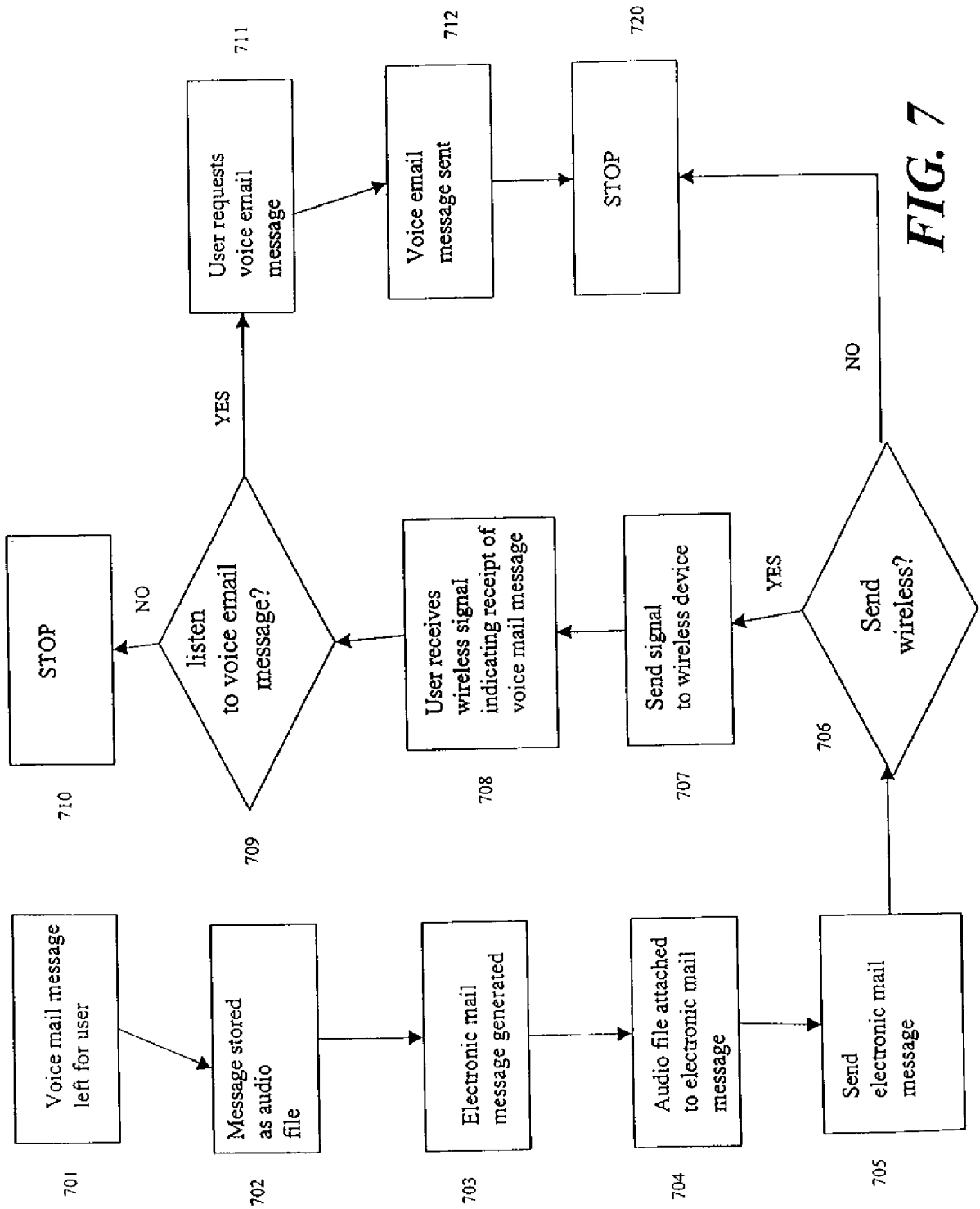
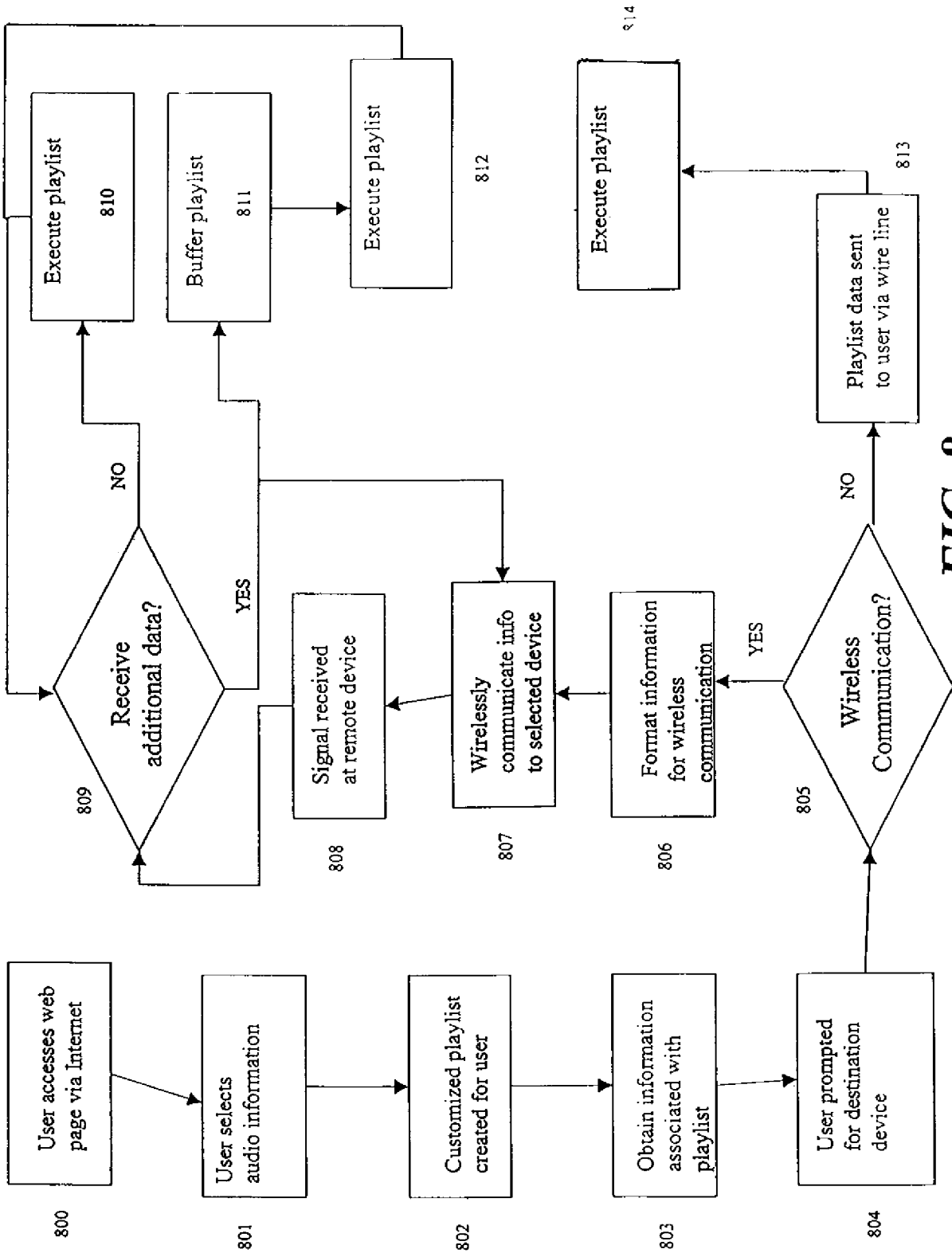
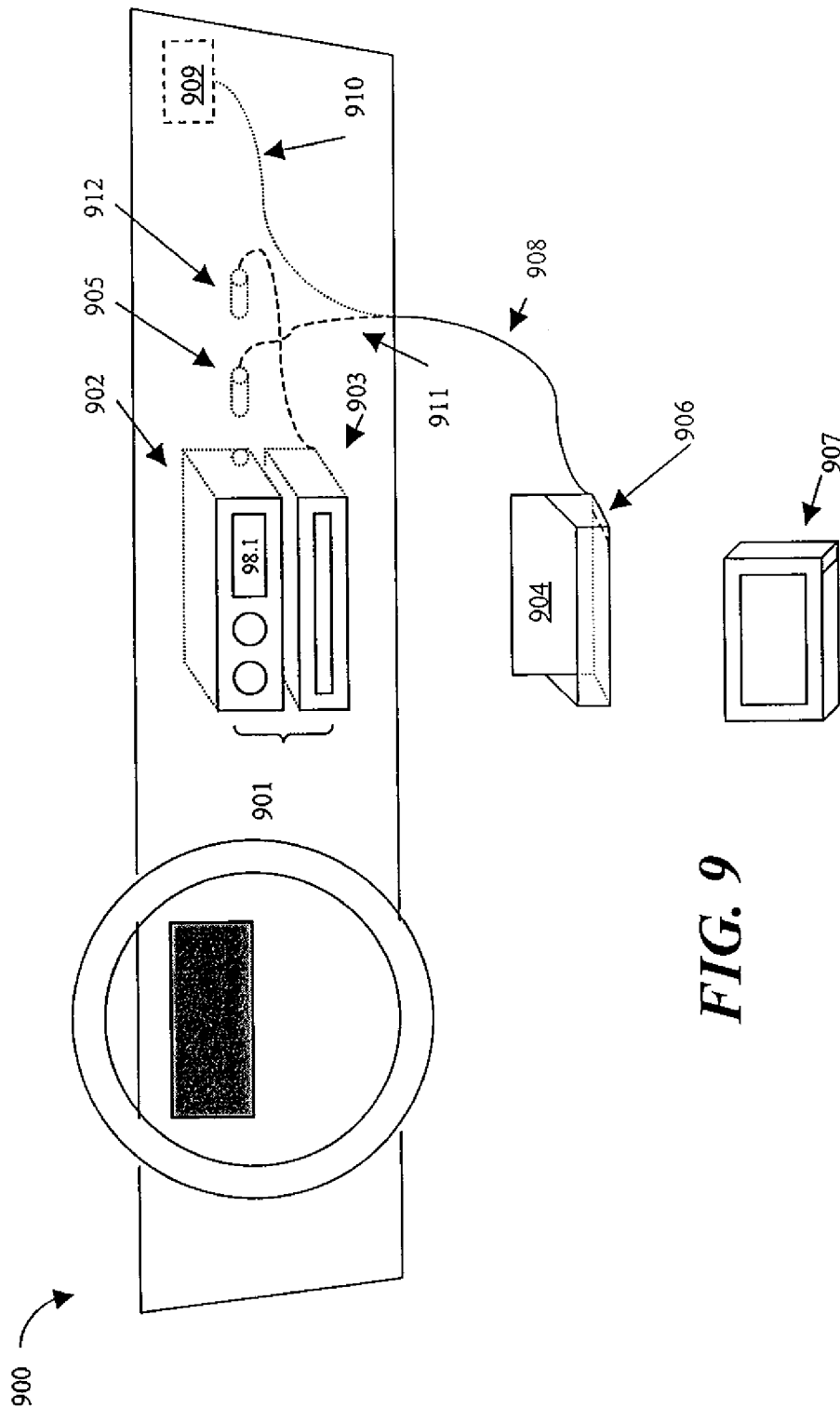


FIG. 7



**FIG. 8**





**FIG. 9**

## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below adjacent to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought by way of the application entitled

### Method for Managing Media

which (check)  is filed with this Declaration and Power of Attorney and marked with the above title and/or Attorney Docket Number, and which is the final application provided to me *pro se*  
 and is amended by the Preliminary Amendment attached hereto.  
 was filed on \_\_\_\_\_ as Application Serial No.  
 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or under § 365(a) of any PCT international application(s) designating at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
Number	Country	Day/Month/Year Filed	Yes	No

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Data (MM/DD/YYYY)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became

available between the filing date of the prior application and the national or PCT international filing date of this application.

U. S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
09/537,812	03/28/2000	7,187,947
10/947,755	09/23/2004	7,324,833

I hereby appoint the attorney(s) and/or agent(s) associated with customer number **65550** and the additional attorneys listed below to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

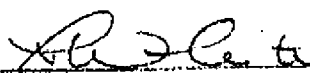
I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both,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

Please direct all correspondence concerning this application to the USPTO Customer Number, if provided, or otherwise to the firm named below:

**RUSSELL W. WHITE**  
10904 DOSWELL COVE  
AUSTIN, TEXAS 78739


Telephone: (512) 301-5518

Full name of sole (or first joint) inventor: Russell W. White

Inventor's Signature:   
Residence: Austin, Texas  
Post Office Address: 10904 Doswell Cove  
Austin, Texas 78739

Date: 03/01/07  
Citizenship: US

Full name of sole (or second joint) inventor: Kevin R. Ines

Inventor's Signature:   
Residence: Austin, Texas  
Post Office Address: 7309 Tanaqua Lane  
Austin, Texas 78739

Date: 03/01/07  
Citizenship: US

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

I hereby appoint:

Practitioners associated with the Customer

21906

OR

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

Name	Registration Number	Name	Registration Number

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

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

The address associated with Customer

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OR

Firm or Individual Name

Address

City

State

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Telephone

Email


Assignee Name and Address:

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

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

#### SIGNATURE of Assignee of Record

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

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

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

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Russell W. White, et al.Application No./Patent No.: Filed Concurrently Filed/Issue Date: May 27, 2011Titled: System and Method to Communicate Targeted InformationAffinity Labs of Texas, LLC, a Limited Liability Company

(Name of Assignee)

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

states that it is:

1.  the assignee of the entire right, title, and interest in;
2.  an assignee of less than the entire right, title and interest in  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %); or
3.  the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

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

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

OR

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

1. From: Russell W. White, Kevin R. Imes To: Affinity Labs, LLC  
The document was recorded in the United States Patent and Trademark Office at  
Reel 018954, Frame 0111, or for which a copy thereof is attached.
2. From: Affinity Labs, LLC To: The Russell White, LLC  
The document was recorded in the United States Patent and Trademark Office at  
Reel 020941, Frame 0844, or for which a copy thereof is attached.
3. From: The Russell White, LLC To: Affinity Labs of Texas, LLC  
The document was recorded in the United States Patent and Trademark Office at  
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Additional documents in the chain of title are listed on a supplemental sheet(s).

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

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

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



Signature

5/27/11

Date

Mark J. Rozman

Printed or Typed Name

512-418-9944

Telephone number

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

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<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	AFF.004C9US
		Application Number	
Title of Invention	System and Method to Communicate Targeted Information		
<p>The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.</p>			

### Secrecy Order 37 CFR 5.2

<input type="checkbox"/>	Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)
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### Applicant Information:

Applicant 1					
Applicant Authority		<input checked="" type="radio"/> Inventor	<input type="radio"/> Legal Representative under 35 U.S.C.	<input type="radio"/> Party of Interest under 35 U.S.C.	
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Russell	W.	White		
Residence Information (Select One)		<input checked="" type="radio"/> US Residency	<input type="radio"/> Non US Residency	<input type="radio"/> Active US Military Service	
City	Austin	State/Province	TX	Country of Residence <sup>i</sup>	United States
Citizenship under 37 CFR 1.41(b) <sup>i</sup>		United States			
Mailing Address of Applicant:					
Address 1					
Address 2					
City		State/Province			
Postal Code		Country <sup>i</sup>			
<input type="radio"/> All Inventors Must be Listed - Additional Inventor Information listed below.					

Applicant 2					
Applicant Authority		<input checked="" type="radio"/> Inventor	<input type="radio"/> Legal Representative under 35 U.S.C.	<input type="radio"/> Party of Interest under 35 U.S.C.	
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Kevin	R.	Imes		
Residence Information (Select One)		<input checked="" type="radio"/> US Residency	<input type="radio"/> Non US Residency	<input type="radio"/> Active US Military Service	
City	Austin	State/Province	TX	Country of Residence <sup>i</sup>	United States
Citizenship under 37 CFR 1.41(b) <sup>i</sup>		United States			
Mailing Address of Applicant:					
Address 1					
Address 2					
City		State/Province			
Postal Code		Country <sup>i</sup>			
<input type="radio"/> All Inventors Must be Listed - Additional Inventor Information listed below.					

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	AFF.004C9US	
		Application Number		
Title of Invention	System and Method to Communicate Targeted Information			

**Correspondence Information:**

Enter either Customer Number or complete the Correspondence Information section below.  
For further information see 37 CFR 1.33(a).

An Address is being provided for the Correspondence Information of this application.

Customer Number	21906
Email Address	
Email Address	
Email Address	

**Application Information:**

Title of the Invention	System and Method for Communicating Media Content		
Attorney Docket Number	AFF.004C9US	Small Entity Status Claimed	<input type="checkbox"/>
Application Type	Non-Provisional		
Subject Matter			
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)	9	Suggested Figure for Publication (if any)	

**Publication Information:**

Request Early Publication (Fee required at time of Request 37 CFR 1.219)

Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

**Representative Information:**

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.

Please Select One:  Customer Number  US Patent Practitioner  Limited Recognition (37 CFR 11.9)

Customer Number	21906			
Prefix	Given Name	Middle Name	Family Name	Suffix
Registration Number				
Prefix	Given Name	Middle Name	Family Name	Suffix
Registration Number				

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	AFF.004C9US
		Application Number	
Title of Invention	System and Method to Communicate Targeted Information		

**Domestic Priority Information:**

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status	Pending		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
12/495,190	Continuation		2009-06-30

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status	Patented		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
12/015,320	Continuation		2008-01-16

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status	Patented		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
10/947,755	Continuation		2004-09-23

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status	Patented		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09/537,812	Continuation		2000-03-28

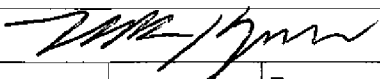
This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status			
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)



<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	AFF.004C9US
		Application Number	
Title of Invention	System and Method to Communicate Targeted Information		

**Signature:**

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.			
Signature			Date (YYYY-MM-DD)
First Name	Mark	Last Name	Rozman
Registration Number		42,117	

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1451. 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

<b>Application Number:</b>	
<b>Filing Date:</b>	
<b>Title of Invention:</b>	System And Method To Communicate Targeted Information
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Attorney Docket Number:</b>	AFF.004C9US

Filed as Large Entity

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

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Basic Filing:</b>				
Utility application filing	1011	1	330	330
Utility Search Fee	1111	1	540	540
Utility Examination Fee	1311	1	220	220

**Pages:**

**Claims:**

**Miscellaneous-Filing:**

**Petition:**

**Patent-Appeals-and-Interference:**

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Post-Allowance-and-Post-Issuance:</b>				
<b>Extension-of-Time:</b>				
<b>Miscellaneous:</b>				
<b>Total in USD (\$)</b>				<b>1090</b>

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	10184665
<b>Application Number:</b>	13117507
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7767
<b>Title of Invention:</b>	System And Method To Communicate Targeted Information
<b>First Named Inventor/Applicant Name:</b>	Russell W. White
<b>Customer Number:</b>	21906
<b>Filer:</b>	Mark J. Rozman/Stephanie Petreas
<b>Filer Authorized By:</b>	Mark J. Rozman
<b>Attorney Docket Number:</b>	AFF.004C9US
<b>Receipt Date:</b>	27-MAY-2011
<b>Filing Date:</b>	
<b>Time Stamp:</b>	14:01:35
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$1090
RAM confirmation Number	320
Deposit Account	201504
Authorized User	ROZMAN,MARK J.

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 1.17 (Patent application and reexamination processing fees)

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

<b>File Listing:</b>					
<b>Document Number</b>	<b>Document Description</b>	<b>File Name</b>	<b>File Size(Bytes)/ Message Digest</b>	<b>Multi Part /.zip</b>	<b>Pages (if appl.)</b>
1	Transmittal of New Application	AFF004C9USPatentApplication Transmittal.pdf	252201 50fb2824b931f7ee25d1bc489f6babd9a0b17ecf	no	4
<b>Warnings:</b>					
<b>Information:</b>					
2		AFF004C9USPatentApplication.pdf	166690 d7abf4aad2adb40d35190aa26674d1aa9ddbac74	yes	36
	<b>Multipart Description/PDF files in .zip description</b>				
	<b>Document Description</b>		<b>Start</b>	<b>End</b>	
	Specification		1	31	
	Abstract		32	35	
Abstract		36	36		
<b>Warnings:</b>					
<b>Information:</b>					
3	Drawings-only black and white line drawings	AFF004C9USDrawings.pdf	341625 babd9c68006703b77c89de26d73dc6fecbe98dec	no	9
<b>Warnings:</b>					
<b>Information:</b>					
4	Oath or Declaration filed	AFF004C9USDeclaration.pdf	159040 5db0f79c88422eb950c567c013100e61f90b86b2	no	2
<b>Warnings:</b>					
<b>Information:</b>					
5	Power of Attorney	AFFINITYExecutedPOA.pdf	445573 caee145113daedd76fd7e56a4a9b09853f705a6	no	1
<b>Warnings:</b>					
<b>Information:</b>					
6	Assignee showing of ownership per 37 CFR 3.73(b).	AFF004C9US373b.pdf	91446 b4935e40c30e620150ec40297ac26d2132d26366	no	1
<b>Warnings:</b>					
<b>Information:</b>					
7	Application Data Sheet	AFF004C9USAppDataSheet.pdf	276370 a50face7000e90ffd8b222fac312f4331ab544f1	no	4

**Warnings:**

**Information:**

This is not an USPTO supplied ADS fillable form

8	Fee Worksheet (PTO-875)	fee-info.pdf	32630	no	2
			6aff29cb450cfbe3a7b9134170c78561b3c8e2e8		

**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>	1765575
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**This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.**

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

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

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

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

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

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