



US007797446B2

(12) **United States Patent**
Heller et al.

(10) **Patent No.:** **US 7,797,446 B2**
(45) **Date of Patent:** **Sep. 14, 2010**

(54) **METHOD AND SYSTEM FOR UPDATING PLAYLISTS**

(75) Inventors: **David Heller**, San Jose, CA (US);
Jeffrey L. Robbin, Los Altos, CA (US)

(73) Assignee: **Apple Inc.**, Cupertino, CA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 505 days.

(21) Appl. No.: **10/198,639**

(22) Filed: **Jul. 16, 2002**

(65) **Prior Publication Data**

US 2006/0168340 A1 Jul. 27, 2006

(51) **Int. Cl.**
G06F 15/173 (2006.01)

(52) **U.S. Cl.** **709/242**; 709/219; 707/E17.109;
707/104.1

(58) **Field of Classification Search** 709/242;
386/44, 55, 14, 6, 52, 68, 69; 385/104-105,
385/83; 707/200, 102

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 3,990,710 A 11/1976 Hughes
- 4,528,643 A 7/1985 Freeny, Jr.
- 4,851,931 A 7/1989 Parker et al.
- 5,168,481 A 12/1992 Culbertson et al.
- 5,181,107 A 1/1993 Rhoades
- 5,191,573 A 3/1993 Hair
- 5,341,350 A 8/1994 Frank et al.
- 5,355,302 A 10/1994 Martin et al.
- 5,418,713 A 5/1995 Allen

- 5,428,735 A 6/1995 Kahl et al.
- 5,481,509 A 1/1996 Knowles
- 5,504,852 A 4/1996 Thompson-Rohrlich
- 5,559,945 A 9/1996 Beaudet et al.
- 5,561,604 A 10/1996 Buckley et al.
- 5,566,353 A 10/1996 Cho et al.
- 5,583,993 A 12/1996 Foster et al.
- 5,587,404 A 12/1996 Kroner et al.
- 5,616,876 A 4/1997 Cluts
- 5,633,839 A 5/1997 Alexander et al.
- 5,640,566 A 6/1997 Victor et al.
- 5,666,530 A 9/1997 Clark et al.
- 5,710,922 A 1/1998 Alley et al.
- 5,714,971 A 2/1998 Shalit et al.
- 5,721,949 A 2/1998 Smith et al.

(Continued)

FOREIGN PATENT DOCUMENTS

EP 0 917 077 5/1999

(Continued)

OTHER PUBLICATIONS

“Apple Introduces iTunes—World’s Best and Easiest To Use Jukebox Software,” Macworld Expo, San Francisco, Jan. 9, 2001.

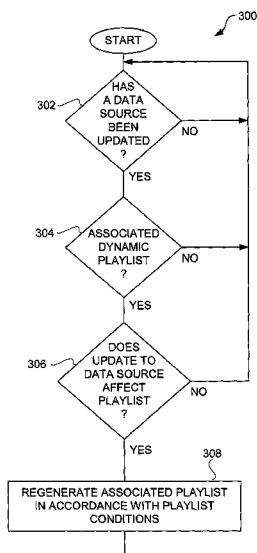
(Continued)

Primary Examiner—Yves Dalencourt

(57) **ABSTRACT**

Improved techniques for automatic (or dynamic) updating (or maintaining) of playlists for a media system that stores and plays media content for a user of the media system. The automatic update to playlists can occur when additional media content is added to or removed from the media system. The automatic update to playlists can also occur when previously stored media content is otherwise altered.

26 Claims, 20 Drawing Sheets



U.S. PATENT DOCUMENTS					
5,726,909	A	3/1998 Krikorian	6,933,433	B1	8/2005 Porteus et al.
5,727,202	A	3/1998 Kucala	6,941,324	B2	9/2005 Plastina et al.
5,734,823	A	3/1998 Saigh et al.	6,978,127	B1	12/2005 Bulthuis et al.
5,739,451	A	4/1998 Winksy et al.	6,987,221	B2*	1/2006 Platt 84/601
5,740,134	A	4/1998 Peterson	7,043,477	B2	5/2006 Mercer et al.
5,819,160	A	10/1998 Foladare et al.	7,055,165	B2	5/2006 Connelly
5,835,721	A	11/1998 Donahue et al.	7,111,009	B1*	9/2006 Gupta et al. 707/102
5,835,732	A	11/1998 Kikinis et al.	7,126,770	B1	10/2006 Arai et al.
5,845,282	A	12/1998 Alley et al.	7,209,633	B1	4/2007 Novak et al.
5,864,868	A	1/1999 Contois	7,228,298	B1	6/2007 Raines
5,875,110	A	2/1999 Jacobs	7,262,357	B2*	8/2007 Plastina et al. 84/615
5,897,642	A	4/1999 Capossela et al.	7,272,385	B2	9/2007 Mirouze et al.
5,918,213	A	6/1999 Bernard et al.	7,502,626	B1	3/2009 Lemilainen
5,918,303	A	6/1999 Yamaura et al.	2001/0004310	A1	6/2001 Kono
5,923,757	A	7/1999 Hocker et al.	2001/0011308	A1	8/2001 Clark et al.
5,925,843	A	7/1999 Miller et al.	2001/0021053	A1	9/2001 Colbourne et al.
5,963,916	A	10/1999 Kaplan	2001/0041021	A1	11/2001 Boyle et al.
5,969,283	A	10/1999 Looney et al.	2001/0044835	A1	11/2001 Schober et al.
5,983,069	A	11/1999 Cho et al.	2001/0048642	A1	12/2001 Berhan
5,995,098	A	11/1999 Okada et al.	2001/0052123	A1	12/2001 Kawai
6,000,000	A	12/1999 Hawkins et al.	2002/0002413	A1	1/2002 Tokue
6,006,274	A	12/1999 Hawkins et al.	2002/0010788	A1	1/2002 Nathan et al.
6,038,199	A	3/2000 Pawlowski et al.	2002/0013784	A1	1/2002 Swanson
6,041,023	A	3/2000 Lakhansingh	2002/0016968	A1	2/2002 Nathan et al.
6,052,797	A	4/2000 Ofek et al.	2002/0046315	A1	4/2002 Miller et al.
6,061,306	A	5/2000 Buchheim	2002/0055934	A1	5/2002 Lipscomb et al.
6,125,369	A	9/2000 Wu et al.	2002/0073167	A1	6/2002 Powell et al.
6,172,948	B1	1/2001 Keller et al.	2002/0080180	A1	6/2002 Mander et al.
6,208,044	B1	3/2001 Viswanadham et al.	2002/0116082	A1	8/2002 Gudorf
6,216,131	B1	4/2001 Liu et al.	2002/0118300	A1	8/2002 Middleton et al.
6,243,328	B1	6/2001 Fenner et al.	2002/0133515	A1	9/2002 Kagle et al.
6,243,725	B1	6/2001 Hempleman et al.	2002/0138606	A1	9/2002 Robison
6,247,135	B1	6/2001 Feague	2002/0152278	A1	10/2002 Pontenzzone et al.
6,248,946	B1	6/2001 Dwek	2002/0161865	A1	10/2002 Nguyen
6,255,961	B1	7/2001 Van Ryzin et al.	2002/0174269	A1	11/2002 Spurgat et al.
6,272,545	B1	8/2001 Flanagan et al.	2002/0194195	A1	12/2002 Fenton et al.
6,283,764	B2	9/2001 Kajiyama et al.	2002/0194309	A1	12/2002 Carter et al.
6,295,541	B1	9/2001 Bodnar et al.	2003/0013493	A1	1/2003 Irimajiri et al.
6,332,175	B1	12/2001 Birrell et al.	2003/0014767	A1	1/2003 Stumphauzer
6,338,044	B1	12/2001 Birrell et al.	2003/0030733	A1	2/2003 Seaman et al.
6,341,316	B1	1/2002 Kloba et al.	2003/0037254	A1	2/2003 Fischer et al.
6,356,971	B1	3/2002 Katz et al.	2003/0046434	A1	3/2003 Flanagan et al.
6,380,947	B1	4/2002 Stead	2003/0050058	A1	3/2003 Walsh et al.
6,389,467	B1	5/2002 Eyal	2003/0055723	A1	3/2003 English
6,407,750	B1	6/2002 Gioscia et al.	2003/0074457	A1	4/2003 Kluth
6,434,680	B2	8/2002 Belknap et al.	2003/0079038	A1	4/2003 Robbin et al.
6,446,080	B1	9/2002 Van Ryzin et al.	2003/0093340	A1	5/2003 Krystek et al.
6,452,609	B1	9/2002 Katinsky et al.	2003/0098893	A1	5/2003 Makinen
6,453,281	B1	9/2002 Walters et al.	2003/0112279	A1	6/2003 Irimajiri
6,490,432	B1	12/2002 Wegener et al.	2003/0167318	A1	9/2003 Robbin et al.
6,493,758	B1	12/2002 McLain	2003/0182315	A1*	9/2003 Plastina et al. 707/200
6,523,124	B1	2/2003 Lunsford et al.	2003/0191756	A1	10/2003 Oh
6,529,804	B1	3/2003 Draggon et al.	2003/0206203	A1	11/2003 Ly
6,563,769	B1	5/2003 Van Der Meulen	2003/0210821	A1	11/2003 Yogeshwar et al.
6,587,403	B1	7/2003 Keller et al.	2003/0221541	A1	12/2003 Platt
6,587,404	B1	7/2003 Keller et al.	2004/0001395	A1	1/2004 Keller et al.
6,621,768	B1	9/2003 Keller et al.	2004/0001396	A1	1/2004 Keller et al.
6,636,873	B1	10/2003 Carini et al.	2004/0017997	A1	1/2004 Cowgill
6,664,981	B2	12/2003 Ashe et al.	2004/0027930	A1	2/2004 Kudo
6,665,803	B2	12/2003 Lunsford et al.	2004/0055446	A1	3/2004 Robbin et al.
6,718,348	B1	4/2004 Novak et al.	2004/0076086	A1	4/2004 Keller et al.
6,721,489	B1*	4/2004 Benyamin et al. 386/46	2004/0083480	A1	4/2004 Dodge
6,731,312	B2	5/2004 Robbin	2004/0103102	A1	5/2004 Nelson
6,760,721	B1	7/2004 Chasen et al.	2004/0123725	A1	7/2004 Kim
6,763,345	B1	7/2004 Hempleman et al.	2004/0128277	A1	7/2004 Mander et al.
6,779,019	B1	8/2004 Mousseau et al.	2004/0139180	A1	7/2004 White et al.
6,785,542	B1	8/2004 Blight et al.	2004/0205028	A1	10/2004 Verosub et al.
6,794,566	B2	9/2004 Pachet	2004/0225762	A1	11/2004 Poo
6,801,964	B1	10/2004 Mahdavi	2004/0261064	A1	12/2004 Goldstein et al.
			2005/0055718	A1	3/2005 Stone
			2005/0060264	A1	3/2005 Schrock et al.

2005/0240494	A1	10/2005	Cue et al.	
2005/0240661	A1	10/2005	Heller et al.	
2005/0249080	A1	11/2005	Foote et al.	
2005/0262528	A1*	11/2005	Herley et al.	725/19
2005/0267803	A1	12/2005	Patel et al.	
2005/0278377	A1	12/2005	Mirrashidi et al.	
2006/0015378	A1	1/2006	Mirrishidi et al.	
2006/0036567	A1	2/2006	Tan	
2006/0066627	A1	3/2006	Gerhard et al.	
2006/0089949	A1	4/2006	Robbin et al.	
2006/0100978	A1	5/2006	Heller et al.	
2006/0156236	A1	7/2006	Heller et al.	
2006/0156239	A1	7/2006	Jobs	
2006/0163358	A1	7/2006	Biderman	
2006/0168340	A1	7/2006	Heller et al.	
2006/0247980	A1	11/2006	Mirrashidi et al.	
2008/0256378	A1	10/2008	Guillorit	
2009/0063496	A1	3/2009	Cunningham et al.	
2009/0063543	A1	3/2009	Martin et al.	

FOREIGN PATENT DOCUMENTS

EP	0 982 732	3/2000
EP	1 028 425	8/2000
EP	1 548 740	6/2005
JP	2000-339917	12/2000
JP	2001-76465	3/2001
JP	2001-93226	4/2001
JP	2001-117800	4/2001
JP	2001-291365 A	10/2001
JP	2002-74909 A	3/2002
WO	WO 95/16950	6/1995
WO	WO 01/33569	5/2001
WO	WO 01/67753 A1	9/2001
WO	WO 02/25610	3/2002
WO	WO 02/25935	3/2002
WO	WO 03/023786	3/2003
WO	WO 2004-004338	1/2004
WO	WO 2004/084413	9/2004
WO	2005073856 A2	8/2005

OTHER PUBLICATIONS

iTunes, Playlist Related Help Screens, iTunes v1.0, Apple Computer, Inc., Jan. 2001.

"Apple Announces iTunes 2," Press Release, Apple Computer, Inc., Oct. 23, 2001.

Specification Sheet, iTunes 2, Apple Computer, Inc., Oct. 31, 2001.

iTunes 2, Playlist Related Help Screens, iTunes v2.0, Apple Computer, Inc., Oct. 23, 2001.

SoundJam MP Plus, Representative Screens, published by Casady & Greene, Inc., Salinas, CA, 2000.

"SoundJam MP Plus Manual, version 2.0"—MP3 Player and Encoder for Macintosh by Jeffrey Robbin, Bill Kincaid and Dave Heller, manual by Tom Negrino, published by Casady & Greene, Inc., 2000.

De Herrera, Chris, "Microsoft ActiveSync 3.1," Version 1.02, Oct. 13, 2000.

IEEE 1394—Wikipedia, 1995, <http://www.wikipedia.org/wiki/Firewire>.

Miniman, "Applian Software's Replay Radio and Player v1.02," Product review, pocketnow.com, <http://www.pocketnow.com/reviews/replay/replay.htm>, Jul. 31, 2001.

Personal Jukebox (PJB), "Systems Research Center and PAAD," Compaq Computer Corp., Oct. 13, 2000, <http://research.compaq.com/SRC/pjb/>.

Compaq, "Personal Jukebox," Jan. 24, 2001, <http://research.compaq.com/SRC/pjb/>.

Steinberg, "Sonicblue Rio Car," Product Review, Dec. 12, 2000, <http://electronics.cnet.com/electronics/0-6342420-1304-4098389.html>.

Travis Butler, "Portable MP3: The Nomad Jukebox," Jan. 8, 2001, <http://db.tidbits.com/getbits.cgi?tbart=06261>.

Travis Butler, "Archos Jukebox 6000 Challenges Nomad Jukebox," Aug. 13, 2001, <http://db.tidbits.com/getbits.cgi?tbart=06521>.

Adam C. Engst, "SoundJam Keeps on Jammin'," Jun. 19, 2000, <http://db.tidbits.com/getbits.cgi?tbart=05988>.

Musicmatch, "Musicmatch and Xing Technology Introduce Musicmatch Jukebox," May 18, 1998, <http://www.musicmatch.com/info/company/press/releases/?year=1998&release=2>.

"Nomad Jukebox," User Guide, Creative Technology Ltd., Version 1, Aug. 2000.

"Apple's iPod Available in Stores Tomorrow," Press Release, Apple Computer, Inc., Nov. 9, 2001.

"Digital Still Cameras—Downloading Images to a Computer," Mimi Chakarova et al., Multi-Media Reporting and Convergence, 2 pgs. U.S. Appl. No. 10/833,399, filed Apr. 27, 2004.

U.S. Appl. No. 10/833,879, filed Apr. 27, 2004.

U.S. Appl. No. 10/973,925, filed Oct. 25, 2004.

U.S. Appl. No. 11/097,591, filed Apr. 1, 2005.

U.S. Appl. No. 11/097,034, filed Apr. 1, 2005.

International Search Report dated Jul. 9, 2003, from International Application No. PCT/US03/21534.

Handbook for Palm™ m500 Series Handhelds, User Manual.

Sinitzyn, "A Synchronization Framework for Personal Mobile Servers," Proceedings of the Second IEEE Annual Conference on Pervasive Computing and Communications Workshops, Piscataway, NJ, Mar. 14, 2004, pp. 1-4.

Vetro et al., "Media Conversions to Support Mobile Users," IEEE Canadian Conference on Electrical and Computer Engineering, Piscataway, NJ, May 13, 2001, pp. 607-612.

Zheng et al., "MobiGATE: a mobile gateway proxy for the active deployment of transport entities," Proceedings of the 2004 International Conference on Parallel Processing, Piscataway, NJ, Aug. 15, 2004.

RCA Lyra User's Guide, RD2201/2202/2204, www.lyrazone.com, pp. 1-37.

Lyra, Personal Digital Player, RCA, Product Box.

Compaq Computer Corp., copyright 1991, Personal Jukebox User Manual, pp. 1-29.

"About MusicMatch Jukebox," MusicMatch Jukebox v4 Help, pp. 1-4.

RealJukebox Plus Manual, Real Networks, Inc., copyright 1999, pp. 1-83.

RealJukebox, Real Networks, Inc., webpages downloaded Oct. 27, 2005 http://www.real.com/Jukebox/release_notes.html#.

TuneBase 100 User Guide, A CD Library Management System, Escient, Inc. copyright 1999.

TuneBase Pro Mk-II User's Guide, Escient, Inc.

Window's Media Player 6.4, Microsoft Corp., copyright 1999, software available at <http://www.oldversion.com/program.php?n=wmp>

See also Windows Media Player 6.4 Software Official website at <http://www.microsoft.com/windows/windowsmedia/player/version64/default.aspx>.

Bridgman, "Windows XP Expert Zone Community Columnist", Using Windows Mobil-based Portable Media Centers and Windows Media Player 10, Aug. 25, 2004, 1-11.

U.S. Appl. No. 10/936,233, filed Sep. 7, 2004.

U.S. Appl. No. 11/138,004, filed May 25, 2005.

U.S. Appl. No. 11/114,914, filed Apr. 25, 2005.

U.S. Appl. No. 11/454,060, filed Jun. 14, 2006.

PBS Local Insertion Server Instruction Manual, Microvision, Inc., pp. 1-71, Jun. 19, 1996.

Wave Station Digital Audio Automation System, Instruction & Operations Manual Broadcast Software International, pp. 1-113, Feb. 4, 1997.

Nielsen et al., "Comparative Design Review: An Exercise in Parallel Design", Interchi '93, pp. 414-417 Apr. 24-29, 1993.

Lowery Daryl, "Random-Access Digital Audio—Recording Systems", pp. 68-71, Jun. 1992.

Sadie Master System, Product Brochure, Studio audio Digital Equipment Inc., 2 pgs., Jan. 1995.

- "Digital Audio Just Got Easier!", CartWorks Digital Audio Systems, dbm Systems, Inc., Jun. 26, 1996.
- "CartWorks File Utilities User's Manual", dbm Systems, Inc., pp. 1-8, Jul. 1998.
- "CartWorks MHD Music-on-Hard-Drive QuickSchedule User's Manual", dbm Systems, Inc., pp. 1-8, Feb. 8, 1998.
- "CartWorks MHD Music-on-Hard-Drive User's Manual V6.8", dbm Systems, Inc., pgs. 1-11, Feb. 1998.
- "CartWorks On-Demand Editor User's Manual", dbm Systems, Inc., pp. 1-7, Feb. 1998.
- "CartWorks Script Editor User's Manual v3.12", dbm Systems, Inc., pp. 1-26, Feb. 1998.
- "CartWorks Spot Set Editor User's Manual", dbm Systems, Inc., pp. 1-11, Feb. 1998.
- "The DADpro Digital Audio Delivery System Operation Manual Version 1.0", IBM Corp., pp. 1-424, Aug. 30, 1996.
- "Virtual Recorder—Basic Operations", ASC Audio Video Corporation, pp. 1-94, Sep. 9, 1996.
- "Broadcast Tools: SpotBase, Playlist & TapeBase", ASC Audio Video Corporation, pp. 1-2, Mar. 1998.
- "VR 300 Advanced Broadcast Video Server", ASC Audio Video Corporation, pp. 1-9, Mar. 1998.
- "VR300 Video Server User Manual, Version 1.0", ASC Audio Video Corporation, pp. 1-40, Mar. 20, 1998.
- "Gravis WinDecks Version 1.12", screen shots, Gravis Computer Technology Ltd., pp. 1-10, Jan. 1990.
- WinDecks, User Instructions, Gravis Computer Technology Ltd., pp. 1-14, Jan. 1990.
- Replay Gain, "Replay Gain—A proposed Standard," Oct. 7, 2001, available from <http://replaygain.hydrogenaudio.org/index.html> and <http://replaygain.hydrogenaudio.org/outline.html>.
- "Nomad Jukebox," User Guide, Creative Technology Ltd., Version 1, Aug. 2000.
- Office Action from European Patent Office for European Patent Application No. 03764426.7 dated Nov. 8, 2005+A90.
- Glenn Fleishman, "Handheld iPod joins MP3 band a bit late, but is standout player," Nov. 6, 2001, http://seattletimes.nwsource.com/html/business/technology/134361811_ptmacc040.html.
- "Hewlett Packard Jornada 525 Color Pocket PC," downloaded Jan. 25, 2002, http://www.pc4d.com/electronics/products/56/jornada_525_color_pocket_pc.shtml.
- iTunes, Digital Music for your Mac, Apple Computer, Inc., downloaded Oct. 22, 2001, <http://www.apple.com/itunes/>.
- "Rio Portable Music Player," Web Review, downloaded Jan. 25, 2002, <http://www.webreviews.com/9901/rio.html>.
- Andy Lindauer, "What's in your Pocket?," Edgereview, downloaded Jan. 25, 2002, <http://www.edgereview.com/print.cfm?Type=aag&ID=286>.
- RCA Lyra User's Guide, RD2201/2202/2204, www.lyrazone.com, pp. 1-37, 1999.
- Lyra, Personal Digital Player, RCA, Product Box, 2003.
- "About MusicMatch Jukebox," MusicMatch Jukebox v4 Help, pp. 1-4, 1999.
- TuneBase Pro Mk-II User's Guide, Escient, Inc., 1999.
- "Digital Still Cameras — Downloading Images to a Computer," Mimi Chakarova et al., Multi-Media Reporting and Convergence, 2 pgs., Jan. 18, 2006.
- "Notification of Reason for Rejection" for Japanese Patent Application, 2004-521604, mailed Apr. 15, 2008 (with translation).
- Personal Jukebox (PJB), "System Research Center and PAAD", Compaq Computer Corp., Oct. 13, 2000, <http://research.compaq.com/SRC/pjb/>.
- Etchison, "Accelerated Discrete Adjustment of the Parameters of a Process", IBM Technical Disclosure Bulletin, vol. 15, No. 5, Oct. 1, 1972, 2 pgs.
- Office Action from European Patent Office for 03764426.7 mailed Aug. 14, 2006.
- Office Action from European Patent Office for 03764426.7 mailed Nov. 8, 2005.
- Windows XP Service Pack 2, Figures 1-2 and "How to obtain the latest Windows XP service pack," Aug. 25, 2004.
- Torrone, Phillip, How-To: Getting Podcasts on a Portable Media Center (and other Windows Media Devices, Oct. 2004.
- Office Action for European Patent Office for 03764426.7 mailed Sep. 11, 2009.
- Notification for Reason for Rejection for Japanese Patent Application 2004-521604, mailed Jun. 16, 2009 (with translations).
- Written Opinion for PCT/US03/21534 mailed Mar. 12, 2004.
- International Preliminary Examination Report for PCT/US/21534 mailed Jun. 8, 2004.
- "iTunes Celebrates Its First Anniversary; Over 70 Million Songs Purchased," Apr. 28, 2004, <http://www.apple.com/pr/library/2004/apr/28itunes.html>.
- Breen, Christopher, "iMixing it Up: Sharing Your Sounds," Sep. 17, 2004, <http://playlistmag.com/help/2004/09/imixhowto/index.php>.
- Kawamoto et al., "On 1st Birthday, iTunes Unwraps New Features," Apr. 28, 2004, http://news.com.com/On+1st+birthday,+iTunes+unwraps+new+features/2100-1027_3-5201598.html.
- Office Action from European Patent Office for 03764426.7 mailed Aug. 14, 2006.
- Office Action from European Patent Office for 03764426.7 mailed Nov. 8, 2005.
- Windows XP Service Pack 2, Figures 1-2 and "How to obtain the latest Windows XP service pack," Aug. 25, 2004.
- Notification for Reason for Rejection for Japanese Patent Application 2004-521604, mailed Mar. 9, 2010 (with translations).

* cited by examiner

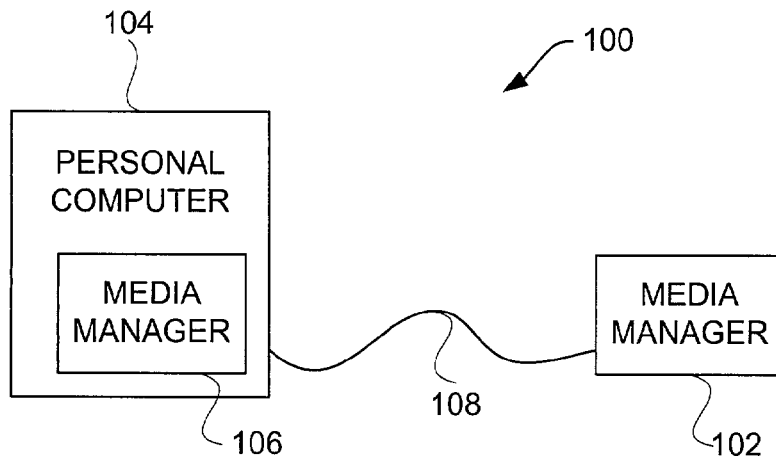


FIG. 1A

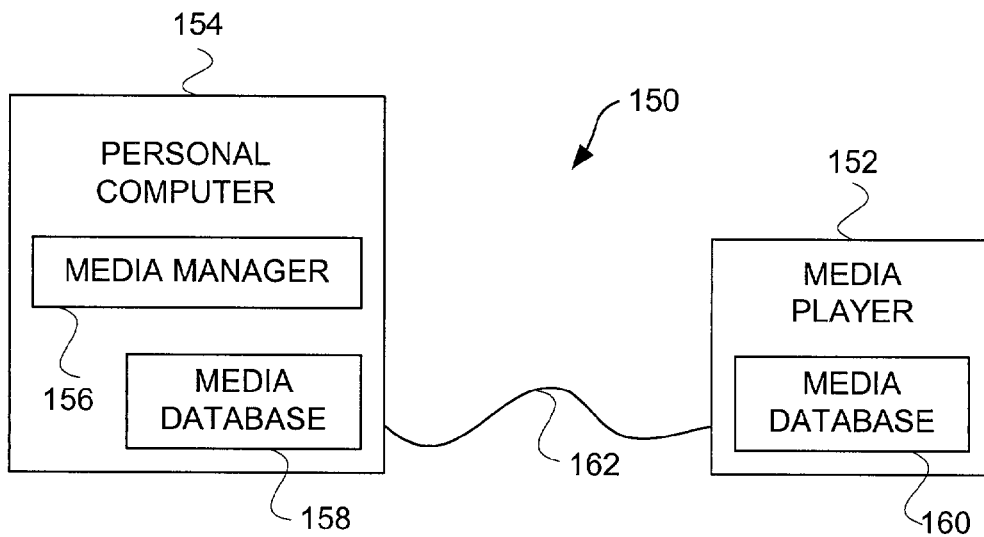


FIG. 1B

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.