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Neumann et al.

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- (54) **MANAGEMENT OF PODCASTS**
- (75) Inventors: **David Lawrence Neumann**, Portland, OR (US); **Anne Jones**, Emerald Hills, CA (US); **Mike Wiese**, Cupertino, CA (US); **David Heller**, San Jose, 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 1016 days.

2002/0010917	A1 *	1/2002	Srikantan et al.	725/1
2002/0023164	A1 *	2/2002	Lahr	709/231
2002/0056126	A1 *	5/2002	Srikantan et al.	725/87
2002/0059425	A1 *	5/2002	Belfiore et al.	709/226
2002/0078174	A1 *	6/2002	Sim et al.	709/219
2004/0199587	A1 *	10/2004	McKnight	709/206
2004/0268451	A1	12/2004	Robbin et al.	
2005/0021478	A1	1/2005	Gautier et al.	
2005/0050345	A1	3/2005	Dowdy et al.	
2005/0278377	A1	12/2005	Mirrashidi et al.	
2006/0015378	A1	1/2006	Mirrashidi et al.	
2006/0015524	A1	1/2006	Gardiner et al.	
2006/0089949	A1	4/2006	Robbin et al.	

(Continued)

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G06F 15/16 (2006.01)

(52) **U.S. Cl.** **709/201**; 709/225

(58) **Field of Classification Search** 709/201,
709/225

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,723,320	A *	2/1988	Horton	455/150.1
4,858,116	A *	8/1989	Gillett et al.	711/155
4,941,083	A *	7/1990	Gillett et al.	710/108
6,289,358	B1 *	9/2001	Mattis et al.	707/203
6,292,880	B1 *	9/2001	Mattis et al.	711/216
6,385,673	B1 *	5/2002	DeMoney	710/60
6,389,467	B1 *	5/2002	Eyal	709/223
6,684,254	B1 *	1/2004	Dutta	709/229
7,363,277	B1 *	4/2008	Dutta et al.	705/57
2001/0047400	A1 *	11/2001	Coates et al.	709/219

OTHER PUBLICATIONS

“Podcast.net—The Podcast Directory”, www.podcast/show/45816, downloaded May 13, 2005, p. 1.

(Continued)

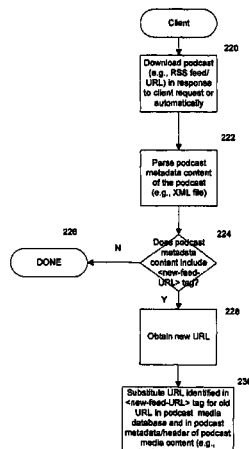
Primary Examiner — Joseph E Avellino

Assistant Examiner — Marshall McLeod

(57) **ABSTRACT**

Improved techniques that facilitate the use of podcasts are disclosed. The improved techniques can pertain to publishing, hosting, accessing, subscribing, managing, organizing, searching, browsing, transferring, and/or playing podcasts. According to one aspect, tags are embedded into syndication feeds (e.g., RSS feeds) that may be made available for distribution by an online media store to facilitate the management of podcasts. Such tags can include a block tag that may be embedded into a syndication feed to indicate whether the feed is to be blocked from being included in the online media store. According to another aspect, management of podcasts may be facilitated by other mechanisms. In accordance with one embodiment, a user may challenge the ownership of a podcast to block or remove a podcast from the online media store. In accordance with another embodiment, images may be stored to allow efficient retrieval of the corresponding episode(s) of a podcast.

24 Claims, 23 Drawing Sheets



U.S. PATENT DOCUMENTS

2006/0173701	A1*	8/2006	Gurvey	705/1
2006/0190616	A1*	8/2006	Mayerhofer et al.	709/231
2006/0265409	A1	11/2006	Neumann et al.	
2006/0265503	A1	11/2006	Jones et al.	
2006/0265637	A1	11/2006	Marriott et al.	
2007/0061393	A1	3/2007	Moore	
2007/0078884	A1	4/2007	Ott et al.	
2007/0088832	A1	4/2007	Tsang et al.	
2007/0112837	A1	5/2007	Houh et al.	
2007/0199076	A1*	8/2007	Rensin et al.	726/27
2007/0255965	A1*	11/2007	McGucken	713/193
2007/0299873	A1	12/2007	Jones	
2007/0299874	A1	12/2007	Neumann	

OTHER PUBLICATIONS

Sample RSS feed entitled "ACC Tournament Podcast", www.simple-easier.com/rss_acc_1.xml, downloaded May 13, 2005, p. 1.
 "Podcast.net 13 the Podcast Directory", www.podcast.net, downloaded May 13, 2005, pp. 1-2.
 Torrone, "How-To: Podcasting (aka How to get Podcasts and also make your own)", www.engadget.com/entry/5843952395227141, Oct. 5, 2004, pp. 1-25.
 "The freshest podcasts in the known universe", <http://audio.weblogs.com>, downloaded Jun. 10, 2005, pp. 1-4.
 Adam Curry, "iPodder—A brief History", www.ipodder.org/history, Dec. 15, 2004, pp. 1-3.
 Dave Winer, "What is Podcasting", www.ipodder.org/whatIsPodcasting, Oct. 26, 2004, pp. 1-2.
 "RSS 2.0 Specification", RSS at Harvard Law, <http://blogs.law.harvard.edu/tech/rss>, Jan. 30, 2005, pp. 1-10.

Danny Sullivan, "Search Engine Watch; Making an RSS Feed", http://searchenginewatch.com/sereport/print.php/34721_21752471, Apr. 2, 2003, pp. 1-8.
 "RSS basics (Thunderbird)—MozillaZine Knowledge Base", http://kb.mozillazine.org/Thunderbird:_FAQs:_RSS_Basics, Apr. 18, 2005, pp. 1-2.
 "Podcasting and iTunes: Technical Specification", Oct. 6, 2005, pp. 1-11.
 "Apple Takes Podcasting Mainstream", Press Release, Apple Computer, Inc., Jun. 28, 2005, p. 1.
 "Podcast Creation Guide", Apple Computer, Inc., Fall 2005, pp. 1-31.
 U.S. Appl. No. 11/476,414 entitled "Podcast Organization and Usage at a Computing Device", filed Jun. 27, 2006.
 U.S. Appl. No. 11/476,415 entitled "Browsing and Searching of Podcasts", filed Jun. 27, 2006.
 Office Action for U.S. Appl. No. 11/476,414, mailed Aug. 18, 2009.
 Office Action for U.S. Appl. No. 11/476,415, mailed Aug. 18, 2009.
 Final Office Action for U.S. Appl. No. 11/476,415, mailed Mar. 16, 2010.
 Advisory Action for U.S. Appl. No. 11/476,415, mailed May 28, 2010.
 Office Action for U.S. Appl. No. 11/476,414, mailed Mar. 16, 2010.
 Advisory Action for U.S. Appl. No. 11/476,414, mailed May 28, 2010.
 Office Action for U.S. Appl. No. 11/476,415, mailed Aug. 31, 2010.
 Final Office Action for U.S. Appl. No. 11/476,414, mailed Feb. 4, 2011.
 Final Office Action for U.S. Appl. No. 11/476,415, mailed Feb. 15, 2011.

* cited by examiner

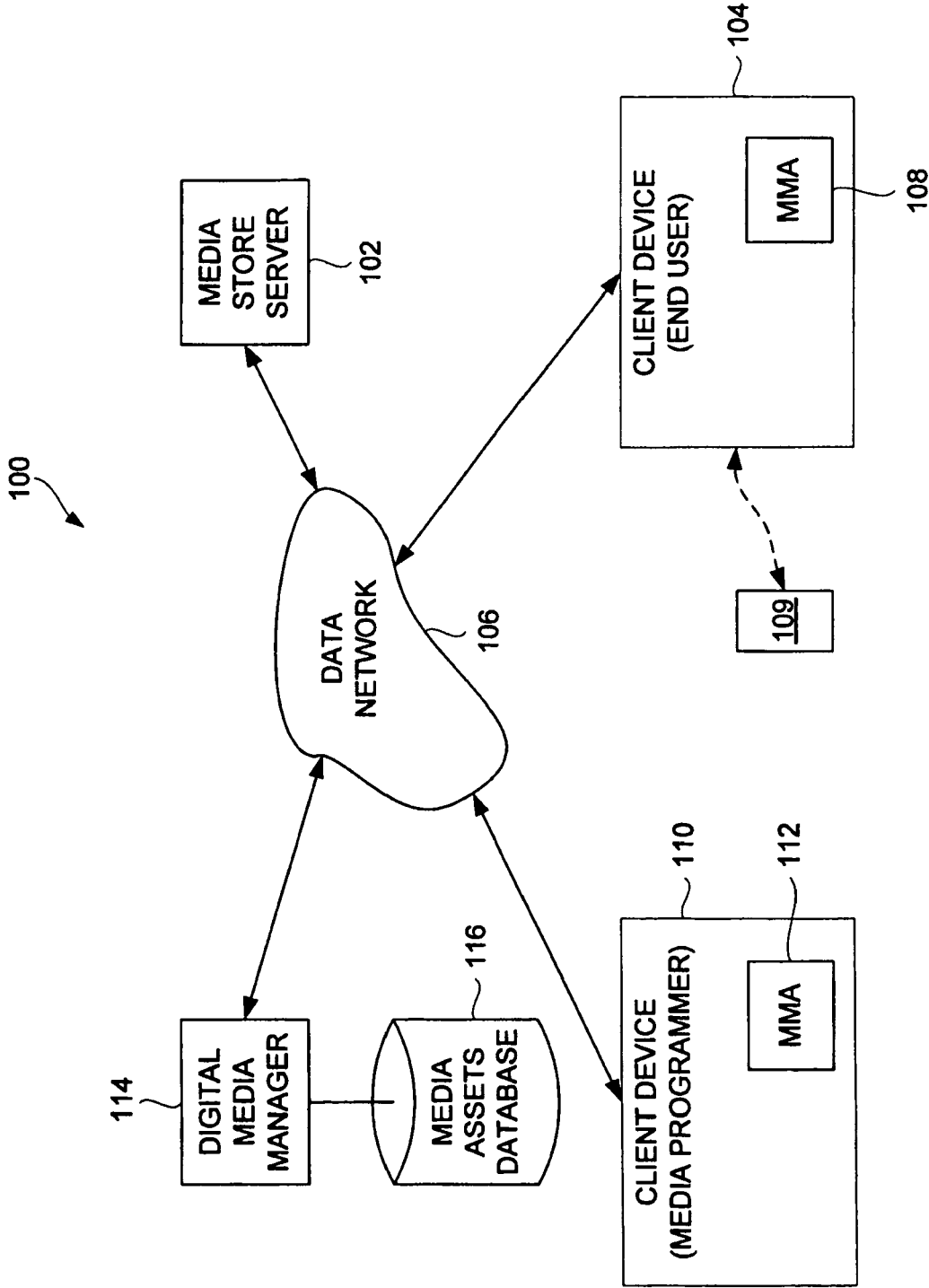


FIG. 1

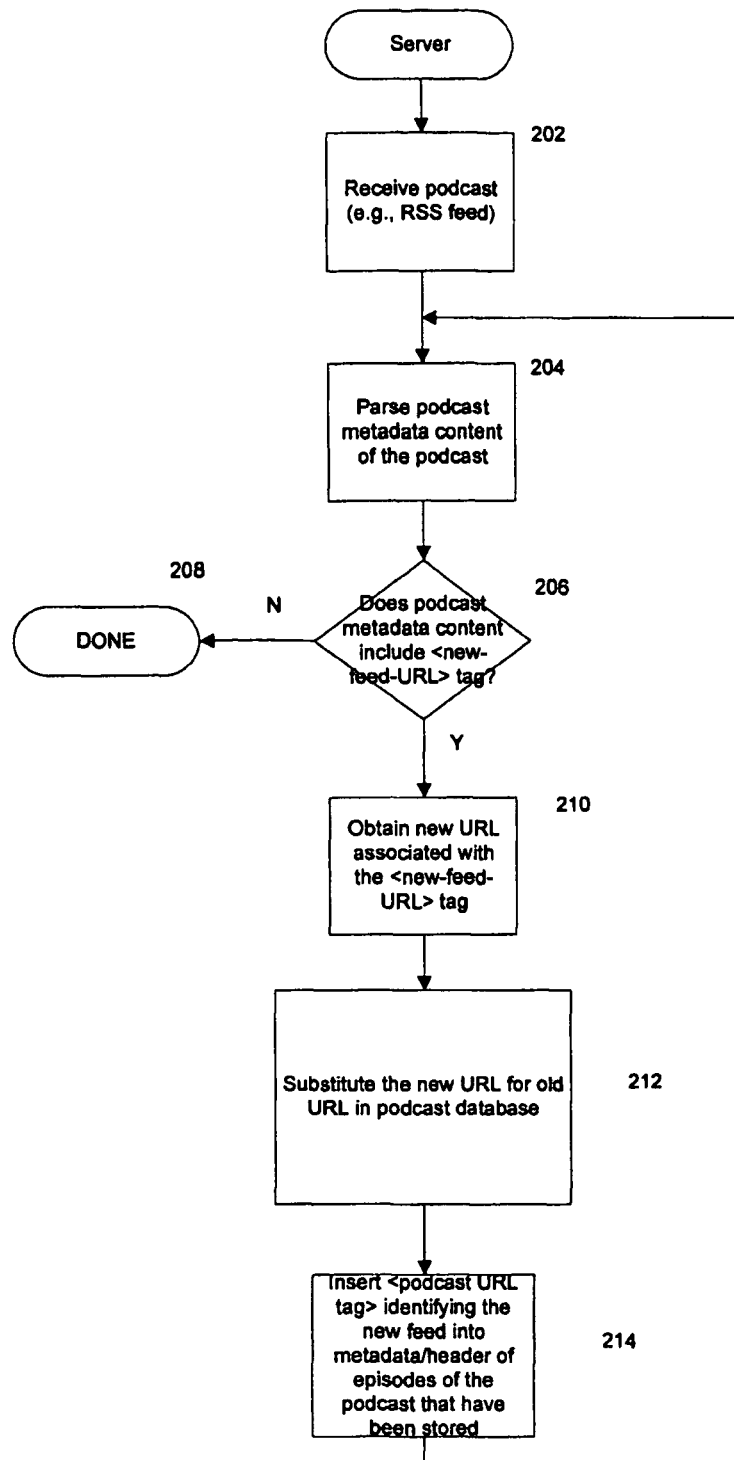


FIG. 2A

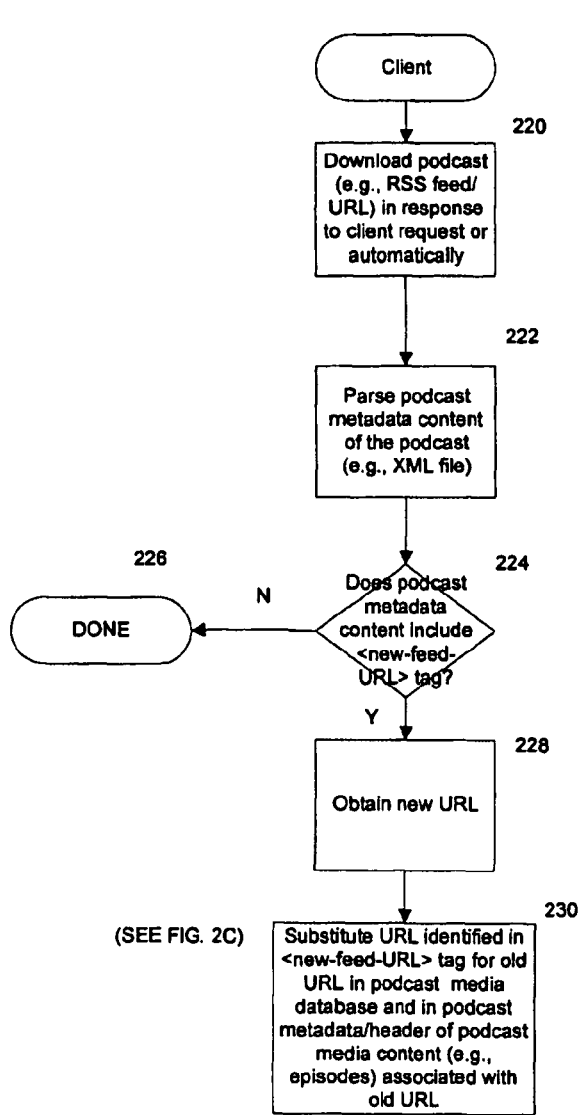


FIG. 2B

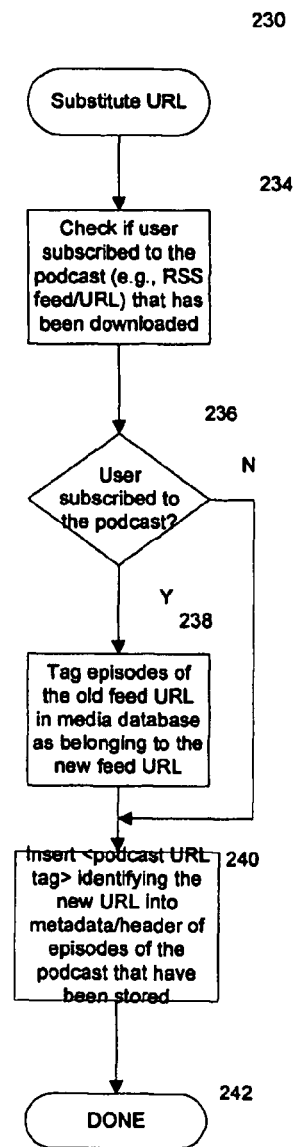


FIG. 2C

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