

EXHIBIT 9



US010489096B2

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

(10) **Patent No.:** **US 10,489,096 B2**
 (45) **Date of Patent:** **Nov. 26, 2019**

(54) **INFORMATION APPARATUS AND APPLICATION FOR RECEIVING DIGITAL CONTENT FROM A DIGITAL CONTENT SERVICE OVER THE INTERNET AND FOR PLAYING AT LEAST PART OF THE RECEIVED DIGITAL CONTENT AT AN OUTPUT DEVICE**

(58) **Field of Classification Search**
 CPC H04L 12/2812; H04L 41/509; H04N 7/24
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,629,493 A 12/1971 Morgenfruh
 3,833,297 A 9/1974 Swartz
 (Continued)

FOREIGN PATENT DOCUMENTS

CN 1217503 A 5/1999
 CN 1488106 A 4/2004
 (Continued)

OTHER PUBLICATIONS

United States Patent and Trademark Office, Notice of Allowance for U.S. Appl. No. 13/477,987, dated Sep. 26, 2014, 42 pages.
 (Continued)

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **15/787,067**

(22) Filed: **Oct. 18, 2017**

(65) **Prior Publication Data**

US 2018/0041482 A1 Feb. 8, 2018

Related U.S. Application Data

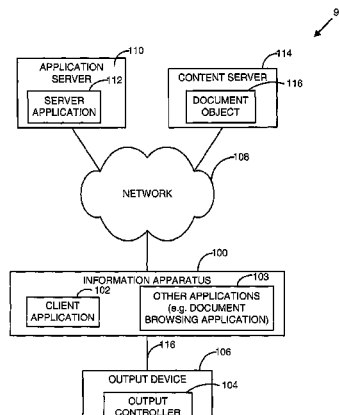
(63) Continuation of application No. 09/992,413, filed on Nov. 18, 2001, now Pat. No. 9,965,233, and a (Continued)

(51) **Int. Cl.**
G06F 3/12 (2006.01)
G06Q 20/10 (2012.01)
 (Continued)

(52) **U.S. Cl.**
 CPC **G06F 3/126** (2013.01); **G06F 3/1204** (2013.01); **G06F 3/1247** (2013.01);
 (Continued)

(57) **ABSTRACT**

Information apparatus (e.g., smart phone, Internet appliances, information pad, display devices) with software applications for receiving digital content from a service provided over a network (e.g., Internet) and for wirelessly playing at least part of the received digital content at a wireless output device (e.g., a Bluetooth enabled device) are herein disclosed and enabled. To receive and play the digital content, the software applications may obtain authentication information for accessing the service, receive a list of one or more digital content that is available from the service for selection on a touch sensitive screen, receive selected digital content from the list displayed on the touch sensitive screen, receive output data from the service related to the selected digital content, and then either play audio data related to the (Continued)



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received output data at a speaker of the information apparatus or wirelessly play the audio data at the wireless output device.

20 Claims, 10 Drawing Sheets

Related U.S. Application Data

continuation-in-part of application No. 10/053,765, filed on Jan. 18, 2002, now Pat. No. 9,836,257, and a continuation-in-part of application No. 13/710,299, filed on Dec. 10, 2012, now Pat. No. 9,798,516, which is a continuation of application No. 12/903,048, filed on Oct. 12, 2010, now Pat. No. 8,332,521, which is a continuation of application No. 10/016,223, filed on Nov. 1, 2001, now Pat. No. 7,941,541.

(60) Provisional application No. 60/252,682, filed on Nov. 20, 2000, provisional application No. 60/262,764, filed on Jan. 19, 2001, provisional application No. 60/245,101, filed on Nov. 1, 2000.

(51) Int. Cl.

G06Q 40/00 (2012.01)
H04L 12/28 (2006.01)
H04L 29/08 (2006.01)
G06Q 20/32 (2012.01)
H04L 29/06 (2006.01)
G06F 3/0482 (2013.01)

(52) U.S. Cl.

CPC **G06F 3/1288** (2013.01); **G06F 3/1292** (2013.01); **G06Q 20/102** (2013.01); **G06Q 20/327** (2013.01); **G06Q 20/3224** (2013.01); **G06Q 40/00** (2013.01); **H04L 12/2812** (2013.01); **H04L 63/0428** (2013.01); **H04L 63/0492** (2013.01); **H04L 67/04** (2013.01); **H04L 67/28** (2013.01); **H04L 67/2823** (2013.01); **H04L 67/2828** (2013.01); **H04L 67/303** (2013.01); **G06F 3/0482** (2013.01); **H04L 12/2809** (2013.01); **H04L 12/2834** (2013.01); **H04L 12/2838** (2013.01); **H04L 67/16** (2013.01); **H04L 2012/285** (2013.01); **H04L 2012/2841** (2013.01); **H04L 2012/2849** (2013.01); **H05K 999/99** (2013.01)

(56) References Cited

U.S. PATENT DOCUMENTS

3,848,856 A 11/1974 Reeber et al.
4,262,301 A 4/1981 Erlichman
4,266,863 A 5/1981 Hollingsworth et al.
4,291,956 A 9/1981 Vogelgesang
4,291,957 A 9/1981 Hollingsworth
4,301,599 A 11/1981 Leay
4,335,955 A 6/1982 Lopata
4,340,905 A 7/1982 Balding
4,360,264 A 11/1982 Baker et al.
4,417,792 A 11/1983 Martin, geb. Boser
4,428,001 A 1/1984 Yamamura et al.
4,431,282 A 2/1984 Martin geb. Böser
4,435,059 A 3/1984 Gerber
4,495,490 A 1/1985 Hopper et al.
4,539,585 A 9/1985 Spackova et al.
4,541,010 A 9/1985 Alston

4,602,280 A 7/1986 Maloomian
4,603,330 A 7/1986 Horne et al.
4,758,881 A 7/1988 Laspada
4,956,665 A 9/1990 Niles
4,958,220 A 9/1990 Alessi et al.
4,979,032 A 12/1990 Alessi et al.
5,048,057 A 9/1991 Saleh et al.
5,166,809 A 11/1992 Surbrook
5,220,674 A 6/1993 Morgan et al.
5,228,118 A 7/1993 Sasaki
5,257,097 A 10/1993 Pineau et al.
5,270,773 A 12/1993 Sklut et al.
5,287,194 A 2/1994 Lobiondo
5,303,342 A 4/1994 Edge
5,319,711 A 6/1994 Servi
5,337,258 A 8/1994 Dennis
5,353,388 A 10/1994 Motoyama
5,404,433 A 4/1995 Hosogai
5,412,798 A 5/1995 Gamey
5,463,623 A 10/1995 Grimes et al.
5,467,434 A 11/1995 Hower, Jr. et al.
5,475,507 A 12/1995 Suzuki et al.
5,479,206 A 12/1995 Ueno et al.
5,485,634 A 1/1996 Weiser et al.
5,487,069 A 1/1996 O'Sullivan et al.
5,490,287 A 2/1996 Itoh et al.
5,515,480 A 5/1996 Frazier
5,519,641 A 5/1996 Beers et al.
5,524,185 A 6/1996 Na
5,537,107 A 7/1996 Funado
5,537,517 A 7/1996 Wakabayashi et al.
5,546,079 A 8/1996 Wagner
5,564,109 A 10/1996 Snyder et al.
5,566,278 A 10/1996 Patel et al.
5,568,595 A 10/1996 Yosefi et al.
5,574,979 A 11/1996 West
5,580,177 A 12/1996 Gase et al.
5,589,889 A 12/1996 Kawaoka
5,596,697 A 1/1997 Foster et al.
5,604,843 A 2/1997 Shaw et al.
5,613,123 A 3/1997 Tsang et al.
5,613,124 A 3/1997 Atkinson et al.
5,613,191 A 3/1997 Hylton et al.
5,619,257 A 4/1997 Reeley et al.
5,619,649 A 4/1997 Kovnat et al.
5,625,757 A 4/1997 Kageyama et al.
5,629,981 A 5/1997 Nerlikar
5,636,211 A 6/1997 Newlin et al.
5,644,662 A 7/1997 Vuylsteke
5,664,243 A 9/1997 Okada et al.
5,675,717 A 10/1997 Yamamoto
5,687,332 A 11/1997 Kurahashi et al.
5,699,495 A 12/1997 Snipp
5,710,557 A 1/1998 Schuette
5,717,742 A 2/1998 Hyde-Thomson
5,724,106 A 3/1998 Autry et al.
5,737,501 A 4/1998 Tsunekawa
5,739,928 A 4/1998 Scott
5,748,859 A 5/1998 Takayanagi et al.
5,754,655 A 5/1998 Hughes et al.
5,757,952 A 5/1998 Buytaert et al.
5,761,480 A 6/1998 Fukada et al.
5,796,394 A 8/1998 Wicks et al.
5,796,727 A 8/1998 Harrison et al.
5,802,314 A 9/1998 Tullis et al.
5,822,230 A 10/1998 Kikinis et al.
5,826,244 A 10/1998 Huberman
5,831,664 A 11/1998 Wharton et al.
5,832,191 A 11/1998 Thorne
5,838,320 A 11/1998 Matthews, III et al.
5,838,926 A 11/1998 Yamagishi
5,845,078 A 12/1998 Tezuka et al.
5,852,721 A 12/1998 Dillon et al.
5,859,970 A 1/1999 Pleso
5,862,321 A 1/1999 Lamming et al.
5,867,633 A 2/1999 Taylor, III et al.
5,870,723 A 2/1999 Pare, Jr. et al.

US 10,489,096 B2

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(56)

References Cited

U.S. PATENT DOCUMENTS

5,884,140	A	3/1999	Ishizaki et al.	6,263,503	B1	7/2001	Margulis
5,897,260	A	4/1999	Zingher	6,285,357	B1	9/2001	Kushiro et al.
5,903,832	A	5/1999	Seppanen et al.	6,285,889	B1	9/2001	Nykänen et al.
5,907,831	A	5/1999	Lotvin et al.	6,288,790	B1	9/2001	Yellepeddy et al.
5,911,044	A	6/1999	Lo et al.	6,292,283	B1	9/2001	Grandbois
5,916,309	A	6/1999	Brown et al.	6,312,106	B1	11/2001	Walker
5,917,542	A	6/1999	Moghadam et al.	6,324,521	B1	11/2001	Shiota et al.
5,926,104	A	7/1999	Robinson	6,330,611	B1	12/2001	Itoh et al.
5,930,466	A	7/1999	Rademacher	6,360,252	B1	3/2002	Rudy et al.
5,931,919	A	8/1999	Thomas et al.	6,363,149	B1	3/2002	Candelore
5,933,498	A	8/1999	Schneck et al.	6,363,452	B1	3/2002	Lach
5,937,112	A	8/1999	Herregods et al.	6,366,682	B1	4/2002	Hoffman et al.
5,940,843	A	8/1999	Zucknovich et al.	6,366,912	B1	4/2002	Wallent et al.
5,946,031	A	8/1999	Douglas	6,366,965	B1	4/2002	Binford et al.
5,946,110	A	8/1999	Hu et al.	6,369,909	B1	4/2002	Shima
5,953,546	A	9/1999	Okada et al.	6,379,058	B1	4/2002	Petteruti et al.
5,960,162	A	9/1999	Yamamoto	6,385,305	B1	5/2002	Gerzberg et al.
5,968,176	A	10/1999	Nessett et al.	6,389,010	B1	5/2002	Kubler et al.
5,970,473	A	10/1999	Gerszberg et al.	6,396,598	B1	5/2002	Kashiwagi et al.
5,974,401	A	10/1999	Enomoto et al.	6,418,439	B1	7/2002	Papierniak et al.
5,978,560	A	11/1999	Tan et al.	6,421,716	B1	7/2002	Eldridge et al.
5,983,200	A	11/1999	Slotznick	6,421,748	B1	7/2002	Lin et al.
5,987,454	A	11/1999	Hobbs	6,430,599	B1	8/2002	Baker et al.
5,993,047	A	11/1999	Novogrod et al.	6,430,601	B1	8/2002	Eldridge et al.
6,006,265	A	12/1999	Rangan et al.	6,434,535	B1	8/2002	Kupka et al.
6,009,464	A	12/1999	Hamilton et al.	6,437,786	B1	8/2002	Yasukawa
6,020,973	A	2/2000	Levine et al.	6,442,375	B1	8/2002	Parmentier
6,023,715	A	2/2000	Burkes et al.	6,449,052	B1	9/2002	Sherer et al.
6,034,621	A	3/2000	Kaufman	6,452,692	B1	9/2002	Yacoub
6,035,214	A	3/2000	Henderson	6,453,127	B2	9/2002	Wood et al.
6,043,898	A	3/2000	Jacobs	6,467,688	B1	10/2002	Goldman et al.
6,046,820	A	4/2000	Konishi	6,473,070	B2	10/2002	Mishra et al.
6,061,142	A	5/2000	Shim	6,473,800	B1	10/2002	Jerger et al.
6,069,707	A	5/2000	Pekelman	6,477,575	B1	11/2002	Koeppel et al.
6,070,185	A	5/2000	Anupam et al.	6,480,292	B1	11/2002	Sugiyama
6,072,595	A	6/2000	Yoshiura et al.	6,487,587	B1	11/2002	Dubey
6,076,076	A	6/2000	Gottfreid	6,487,599	B1	11/2002	Smith et al.
6,076,109	A	6/2000	Kikinis	6,489,934	B1	12/2002	Klausner
6,078,906	A	6/2000	Huberman	6,493,104	B1	12/2002	Cromer et al.
6,087,060	A	7/2000	Chase et al.	6,493,550	B1	12/2002	Raith
6,088,450	A	7/2000	Davis et al.	6,496,855	B1	12/2002	Hunt et al.
6,088,702	A	7/2000	Plantz et al.	6,510,235	B1	1/2003	Shin et al.
6,091,956	A	7/2000	Hollenberg	6,510,515	B1	1/2003	Raith
6,101,291	A	8/2000	Arney et al.	6,515,988	B1	2/2003	Eldridge et al.
6,138,178	A	10/2000	Watanabe	6,519,049	B1	2/2003	Nagasaka
6,141,659	A	10/2000	Barker et al.	6,526,129	B1	2/2003	Beaton et al.
6,144,997	A	11/2000	Lamming et al.	6,529,522	B1	3/2003	Ito et al.
6,145,031	A	11/2000	Mastie et al.	6,540,722	B1	4/2003	Boyle et al.
6,148,346	A	11/2000	Hanson	6,542,173	B1	4/2003	Buckley
6,167,514	A	12/2000	Matsui et al.	6,542,491	B1	4/2003	Tari et al.
6,173,407	B1	1/2001	Yoon et al.	6,545,612	B1	4/2003	Lindgren et al.
6,175,922	B1	1/2001	Wang	6,545,722	B1	4/2003	Schultheiss et al.
6,177,926	B1	1/2001	Kunert	6,546,387	B1	4/2003	Triggs
6,184,996	B1	2/2001	Gase	6,546,419	B1	4/2003	Humpleman et al.
6,189,148	B1	2/2001	Clark et al.	6,553,240	B1	4/2003	Dervarics
6,189,993	B1	2/2001	Mantell	6,553,431	B1	4/2003	Yamamoto et al.
6,192,407	B1	2/2001	Smith et al.	6,556,313	B1	4/2003	Chang et al.
6,195,564	B1	2/2001	Rydbeck et al.	6,574,672	B1	6/2003	Mitchell et al.
6,199,099	B1	3/2001	Gershman et al.	6,577,861	B2	6/2003	Ogasawara
6,199,106	B1	3/2001	Shaw et al.	6,578,072	B2	6/2003	Watanabe et al.
6,201,611	B1	3/2001	Carter et al.	6,584,903	B2	7/2003	Jacobs
6,205,495	B1	3/2001	Gilbert et al.	6,587,835	B1	7/2003	Treyz et al.
6,211,858	B1	4/2001	Moon et al.	6,598,031	B1	7/2003	Ice
6,215,483	B1	4/2001	Zigmond	6,600,569	B1	7/2003	Osada et al.
6,215,494	B1	4/2001	Teo	6,601,108	B1	7/2003	Marmor
6,223,029	B1	4/2001	Stenman et al.	6,604,135	B1	8/2003	Rogers et al.
6,223,059	B1	4/2001	Haestrup	6,604,148	B1	8/2003	Dennison
6,225,993	B1	5/2001	Lindblad et al.	6,607,314	B1	8/2003	McCannon et al.
6,226,098	B1	5/2001	Kulakowski	6,608,928	B1	8/2003	Queiroz
6,233,611	B1	5/2001	Ludtke et al.	6,618,039	B1	9/2003	Grant et al.
6,236,971	B1	5/2001	Stefik et al.	6,621,589	B1	9/2003	Al-Kazily et al.
6,246,486	B1	6/2001	Takahashi	6,622,015	B1	9/2003	Himmel et al.
6,252,964	B1	6/2001	Wasilewski et al.	6,623,527	B1	9/2003	Hamzy
				6,628,302	B2	9/2003	White et al.
				6,628,417	B1	9/2003	Naito et al.
				6,633,346	B1	10/2003	Yamamoto
				6,633,395	B1	10/2003	Tuchitoy et al.

US 10,489,096 B2

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(56)

References Cited

U.S. PATENT DOCUMENTS

6,658,625	B1	12/2003	Allen	7,143,356	B1	11/2006	Shafir et al.
6,670,982	B2	12/2003	Clough et al.	7,149,726	B1	12/2006	Lingle et al.
6,671,068	B1	12/2003	Chang et al.	7,155,163	B2	12/2006	Cannon et al.
6,678,004	B1	1/2004	Schultheiss et al.	7,164,885	B2	1/2007	Jonsson et al.
6,678,751	B1	1/2004	Hays et al.	7,178,718	B2	2/2007	Silverbrook et al.
6,690,918	B2	2/2004	Evans et al.	7,180,614	B1	2/2007	Senoo et al.
6,694,371	B1	2/2004	Sanai	7,187,947	B1	3/2007	White et al.
6,697,848	B2	2/2004	Hamilton et al.	7,197,531	B2	3/2007	Anderson
6,701,009	B1	3/2004	Makoto et al.	7,203,721	B1	4/2007	Ben-Efraim et al.
6,705,781	B2	3/2004	Iwazaki	7,237,253	B1	6/2007	Blackketter et al.
6,707,581	B1	3/2004	Browning	7,239,346	B1	7/2007	Priddy
6,711,677	B1	3/2004	Wiegley	7,239,868	B2	7/2007	Furukawa et al.
6,725,281	B1	4/2004	Zintel et al.	7,263,270	B1	8/2007	Lapstun et al.
6,735,616	B1	5/2004	Thompson et al.	7,272,788	B2	9/2007	Anderson et al.
6,738,841	B1	5/2004	Wolff	7,318,086	B2	1/2008	Chang et al.
6,741,871	B1	5/2004	Silverbrook et al.	7,346,374	B2	3/2008	Witkowski et al.
6,745,229	B1	6/2004	Gobin et al.	7,348,961	B1	3/2008	Shneidman
6,748,195	B1	6/2004	Phillips	7,349,722	B2	3/2008	Witkowski et al.
6,750,978	B1	6/2004	Marggraff et al.	7,349,955	B1	3/2008	Korb et al.
6,751,732	B2	6/2004	Strobel et al.	7,359,714	B2	4/2008	Parupudi et al.
6,753,978	B1	6/2004	Chang	7,360,230	B1	4/2008	Paz et al.
6,757,070	B1	6/2004	Lin et al.	7,366,468	B2	4/2008	Yoshida
6,760,745	B1	7/2004	Tan et al.	7,370,090	B2	5/2008	Nakaoka et al.
6,775,407	B1	8/2004	Gindele et al.	7,376,583	B1	5/2008	Rolf
6,778,289	B1	8/2004	Iwata	7,403,510	B1	7/2008	Miyake
6,785,727	B1	8/2004	Yamazaki	7,412,651	B2	8/2008	Lapstun et al.
6,788,332	B1	9/2004	Cook	7,428,575	B1	9/2008	Motoyama
6,788,428	B1	9/2004	Shimokawa	7,440,772	B2	10/2008	White et al.
6,789,228	B1	9/2004	Merril et al.	7,451,195	B1	11/2008	Seligmann
6,798,530	B1	9/2004	Buckley et al.	7,454,796	B2	11/2008	Mazzagatta et al.
6,801,692	B2	10/2004	Nishimura et al.	7,460,853	B2	12/2008	Toyoshima
6,801,962	B2	10/2004	Taniguchi et al.	7,477,890	B1	1/2009	Narayanaswami
6,813,039	B1	11/2004	Silverbrook et al.	7,478,403	B1	1/2009	Allavarpu et al.
6,816,724	B1	11/2004	Asikainen	7,554,684	B1	6/2009	Senoo et al.
6,819,919	B1	11/2004	Tanaka	7,571,142	B1	8/2009	Flitcroft et al.
6,826,632	B1	11/2004	Wugofski	RE40,910	E	9/2009	Aoki et al.
6,839,775	B1	1/2005	Kao et al.	7,593,123	B2	9/2009	Sugahara
6,840,441	B2	1/2005	Monaghan et al.	7,609,402	B2	10/2009	Chang et al.
6,850,252	B1	2/2005	Hoffberg	7,644,039	B1	1/2010	Magee et al.
6,856,430	B1	2/2005	Gase	7,650,145	B2	1/2010	Ukita et al.
6,857,021	B1	2/2005	Schuster et al.	7,660,460	B2	2/2010	Wu et al.
6,857,716	B1	2/2005	Nagahashi	7,697,467	B2	4/2010	Kubler et al.
6,859,197	B2	2/2005	Klein et al.	7,725,912	B2	5/2010	Margulis
6,859,228	B1	2/2005	Chang et al.	7,743,133	B1	6/2010	Motoyama et al.
6,859,937	B1	2/2005	Narayan et al.	RE41,416	E	7/2010	Liu et al.
6,873,836	B1	3/2005	Sorrells et al.	7,761,541	B1	7/2010	Morley et al.
6,889,385	B1	5/2005	Rakib et al.	RE41,487	E	8/2010	Liu et al.
6,892,251	B2	5/2005	Anderson et al.	RE41,532	E	8/2010	Liu et al.
6,895,444	B1	5/2005	Weisshaar et al.	7,779,097	B2	8/2010	Lamkin et al.
6,904,527	B1	6/2005	Parlour et al.	RE41,689	E	9/2010	Liu et al.
6,915,124	B1	7/2005	Kiessling et al.	7,805,720	B2	9/2010	Chang et al.
6,922,258	B2	7/2005	Pineau	RE41,882	E	10/2010	Liu et al.
6,941,014	B2	9/2005	Lin et al.	7,900,833	B2	3/2011	Silverbrook et al.
6,947,067	B2	9/2005	Halttunen	7,904,579	B2	3/2011	Janik et al.
6,947,995	B2	9/2005	Chang et al.	7,908,401	B2	3/2011	Chang
6,952,414	B1	10/2005	Willig	7,929,950	B1	4/2011	Rao et al.
6,957,194	B2	10/2005	Stefik et al.	7,937,450	B2	5/2011	Janik
6,958,821	B1	10/2005	McIntyre	7,941,541	B2	5/2011	Chang et al.
6,980,319	B2	12/2005	Ohta	7,944,577	B2	5/2011	Chang et al.
6,983,310	B2	1/2006	Rouse et al.	7,949,223	B2	5/2011	Shiohara
6,990,548	B1	1/2006	Kaylor	7,953,818	B2	5/2011	Chang et al.
6,996,555	B2	2/2006	Muto et al.	7,958,457	B1	6/2011	Brandenberg et al.
6,999,112	B2	2/2006	Seaman et al.	7,971,784	B2	7/2011	Lapstun et al.
7,016,062	B2	3/2006	Ishizuka	7,986,298	B1	7/2011	Dulaney et al.
7,024,200	B2	4/2006	McKenna et al.	7,991,347	B1	8/2011	Chan
7,025,256	B1	4/2006	Drummond et al.	RE42,725	E	9/2011	Chang et al.
7,028,102	B1	4/2006	Larsson et al.	RE42,828	E	10/2011	Liu et al.
7,039,445	B1	5/2006	Yoshizawa	8,086,961	B2	12/2011	Saeki et al.
7,058,356	B2	6/2006	Slotznick	RE43,181	E	2/2012	Liu et al.
7,076,534	B1	7/2006	Cleron et al.	8,169,649	B2	5/2012	Chang et al.
7,088,691	B2	8/2006	Fujita	8,184,324	B2	5/2012	Chang et al.
7,095,854	B1	8/2006	Ginter et al.	8,285,802	B2	10/2012	Chang et al.
7,099,304	B2	8/2006	Liu et al.	8,296,757	B2	10/2012	Chang et al.
				8,332,521	B2	12/2012	Chang et al.
				RE44,103	E	3/2013	Williams
				8,467,969	B2	6/2013	Nielsen et al.
				8,533,352	B2	9/2013	Chang

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