

Exhibit 2020
Zynga, Inc. v. Personalized Media Communications, LLC
Case IPR2013-00164 (SCM)

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ZYNGA, INC.

Petitioner

V.

PERSONALIZED MEDIA COMMUNICATIONS LLC

Patent Owner

Case No. IPR2013-00164

U.S. Patent No. 7,797,717

DECLARATION OF GERALD HOLTZMAN, ESQ.

SUPPORTING THE PATENTABILITY OF U.S. PATENT NO. 7,797,717

BACKGROUND

1. I, Gerald T. Holtzman, being over 18 years of age, submit this declaration concerning “Secondary Considerations of Non-obviousness” relating to U.S. Patent No. 7,797,717 (“the ‘717 patent”).

2. I am the President and General Counsel of Patent Owner Personalized Media Communications (“PMC”), and have been affiliated with PMC in various capacities since 1996.

3. I understand that “secondary considerations of non-obviousness” are factors established by the courts that can be used to attempt to demonstrate the non-obviousness of a patented invention, and include whether: (i) the invention was commercially successful; and (ii) there was industry praise of the claimed invention.

I. COMMERCIAL SUCCESS OF THE INVENTION

4. PMC’s numerous licenses of the patent family (that includes the ‘717 Patent) reflect the commercial success of the patented technology and are thus relevant indicia of non-obviousness.

5. The ‘717 Patent relates to the use of control and information signals in electronic media content to generate output for display that is personalized and relevant to a user. The control and information signals can be delivered by any electronic-media delivery system, including the Internet, intranet, and similar distributed networks, cellular wireless, cable networks, and satellite networks, and they run on electronic equipment capable of delivering media, such as PCs, laptops, tablets, smartphones, set-top boxes, televisions, and game consoles.

6. Because the inventions of the '717 Patent are platform-agnostic, they have experienced exceptional commercial success. Numerous media and telecommunications companies use PMC's technology, including providers of social-networking games that deliver personalized and relevant presentations to a user. Indeed, according to the *Inside Virtual Goods: The Future of Social Gaming 2010* Report, one of the three "**core elements**" a game or service should have to be considered social is an aggregate profile of revealed preferences such as a user's friends, interests, demographics, and lifestyle information *See, e.g.,* Levy, Ari. U.S. Virtual-Goods Sales to Top \$2 Billion in 2011, Report Says, Bloomberg, Sept. 2010 (Ex. 2032.) This "personalized" profiling is made available using PMC's patented technology.

7. Similarly, the digital pay-television industry uses the patented technology, including not just the satellite television providers (DirecTV, DISH Network, etc.) but also digital cable systems and fiber-optic systems such as Comcast, Cox, Time Warner Cable, Verizon's FIOS and AT&T's U-verse. OEM providers, such as Motorola, Scientific-Atlanta (now part of Cisco), and Sony Electronics, who provide set-top boxes and content delivery networks to the aforementioned content providers, implement the patented technology. Pay-television providers have a combined total of approximately 100 million subscribers. *See* The Specter Haunting Pay TV, August 14, 2013, at <http://online.wsj.com> (Ex. 2021). Substantially all of these services now digitally encode content and use technology covered by the patent to provide key functionality, such as the use of control and information signals embedded in electronic media content to generate output for display that is personalized and relevant to a user.

8. Because of this prevalent use of PMC's technology, the '717 Patent family has been the subject of extensive licensing establishing the belief of industry participants in the validity and relevance of the patents. To date, the '717 Patent family has been the subject of licenses to more than a dozen licensees in transactions generating revenue to PMC and its investors in excess of \$300M. The specific per-unit royalty figures and lump sum payments for each license are not disclosed below as a result of confidentiality provisions.

9. On March 2, 1994, PMC licensed its patents and applications to StarSight Telecast, Inc. on an exclusive basis for a significant one-time payment and stock options in StarSight. The license provided that StarSight and PMC would work together to file additional patent applications, which in 1995 included the application leading to the '717 Patent. The field-of-use related to the use of program guides for channel navigation allowing for users to select programs.

10. On October 1, 1995, StarSight, with PMC's consent, sublicensed PMC's patents to Thomson Consumer Electronics, Inc. for making DSS (Digital Satellite Subscriber) products. Thomson was granted non-exclusive use of the PMC patents related to a DSS program guide and recording functions. Thomson agreed to pay per-unit royalties for DSS receiver units. Thomson has sold many millions of DSS products under its brand and has sourced millions of DSS products sold under the brand names of others.

11. On October 31, 1995, PMC entered into a license and option agreement with Sony whereby Sony agreed to pay a per-unit royalty for set-top boxes using the

PMC technology, including the patented inventions, for compatibility with the DirecTV system. Sony sold many millions of set-top boxes subject to this agreement.

12. On January 31, 1996, PMC entered into a license agreement with The Weather Channel, Inc. and Landmark Communications, Inc. in order to settle litigation. The licensees obtained worldwide non-exclusive rights to deliver certain types of content for a significant one-time payment and an option for additional rights in the patents.

13. In August 1999, PMC sent Sony a letter amending the 1995 agreement to provide for certain other receiver products to be licensed on a per-unit royalty basis. In March 2002, PMC and Sony entered into an agreement reaffirming the 1995 license agreement.

14. In January 2000, PMC Satellite LLC, a wholly-owned subsidiary of PMC, entered into a field-of-use license agreement with Pegasus Development Corporation. Pegasus agreed to pay PMC Satellite a significant license payment for the specific field-of-use granted along with a strategic investment in PMC. The license gave Pegasus the right to license others in the patents for the field-of-use granted to Pegasus. Pegasus and PMC filed a lawsuit against DIRECTV (discussed further below) on December 2002 that was settled with a license agreement announced in July 2013.

15. On December 29, 2000 PMC entered into a comprehensive agreement with Gemstar-TV Guide that included an investment in PMC made by Gemstar-TV Guide and the grant of multiple field-of-use licenses by to Gemstar-TV Guide. PMC and its investors received a substantial payment under the agreement.

16. More recently, on May 18, 2011, Cisco Systems, Inc., and Scientific-Atlanta LLC licensed the '717 Patent family in a transaction that included a substantial

payment. This was a nonexclusive license granted in settlement of litigation to make, use, and sell products and services of or provided by Cisco or its affiliates.

17. On June 1, 2011, Motorola Mobility agreed to license the ‘717 Patent, among other PMC patents, in a transaction in settlement of litigation that included a substantial payment.

18. In July 2013, DIRECTV, LLC, Hughes Electronics Corporation, Technicolor USA, Inc., and Philips Electronics North America Corporation, agreed to license the ‘717 Patent, among other PMC patents, for a substantial one-time payment in settlement of litigation. The payment is to be shared between PMC and co-plaintiff Pegasus Development Corporation.

19. These licenses and sublicenses under the PMC patent family, including the ‘717 Patent, attest to the industry’s recognition of the validity and relevance of the patents, particularly because many of the license amounts are orders of magnitude above the cost of defense in an infringement action.

20. The fact that some licensee companies have chosen not just to purchase licenses but also to make equity investments in PMC also demonstrates their belief in the validity of the ‘717 Patent, among other PMC patents. .

21. This success is attributable not to any particular feature by itself, but rather to the combination of features of PMC’s inventions. Combinations of some of these features are recited in the ‘717 Patent claims.

II. PRAISE BY OTHERS/INDUSTRY RECOGNITION: OCEAN TOMO

22. PMC has received professional acclaim and acknowledgement of success. Such recognition serves as strong evidence of non-obviousness. See *Vulcan Eng'g. Co., Inc. v. Fata Aluminum, Inc.*, 278 F.3d 1366, 1373 (Fed. Cir. 2002) (“Appreciation by contemporaries skilled in the field of the invention is a useful indicator of whether the invention would have been obvious to such persons at the time it was made.”).

23. April 26, 2011, Ocean Tomo, LLC issued its *Ocean Tomo Quality Inventor Study* in four technology categories. (Ex. 2024.) Ocean Tomo, LLC is an independent, third-party firm that provides an industry leading array of financial products and services related to intangible assets such as patents. As part of its services, it analyzed and assessed the value of patents that have been issued at the U.S. Patent and Trademark Office. In 2010, Ocean Tomo undertook a study of the top patent inventors relative to the quality of their 2010 issued and in-force patents.

24. The study was performed using the Ocean Tomo PatentRatings® system, which is “the first market-validated software platform for objectively assessing patent quality, relative value, and competitive trends for patents, patent portfolios, companies, and technology sectors. The Ocean Tomo PatentRatings® System uses a patented method of patent quality valuation, (USP 6,556,992 7,657,476 and 7,716,226 and other US and foreign patents pending) that is statistically based calculating the relative quality of all patents issued by the U.S. Patent Office since 1976 using more than 50 independent and objective factors that are correlated to patent value.” *Id.*

25. Regarding the PMC patents, the Study states: “[i]n Wireless, the top rated inventor with 16 patents in USPC 455, 370 & 375 is John Harvey. These patents have an average IPQ score of 235.7 **which puts his patents in the top 0.1% of the approximate**

220,000, active U.S. utility patents granted in 2010.”¹ *Id.* (emphasis added). The ‘717 Patent and these patents are part of the same patent family. This independent industry praise is strong objective evidence of the non-obviousness of the inventions.

**III. PRAISE BY OTHERS/INDUSTRY RECOGNITION:
CITATION OF PMC PATENTS BY OTHERS**

26. Additionally, evidence of “forward citations,” in other words, third party patents and publications that cite to the ‘717 Patent family, evidence industry recognition of the significance of the inventions. It is my understanding that a number of valuation studies find a positive correlation between a patent’s forward citations and its value. Members of the ‘717 Patent family has been cited by the following 862 patents and publications:²

Publication Number	Publication Date	Assignee/Applicant
AU2003202649B2	10/27/2005	SILVERBROOK RES PTY LTD
AU2004205295A1	9/23/2004	SILVERBROOK RES PTY LTD
AU2004205295B2	6/22/2006	SILVERBROOK RES PTY LTD
AU656542B2	2/9/1995	BUSH THOMAS A
AU773745B2	6/3/2004	SILVERBROOK RES PTY LTD
CN1839657B	11/23/2011	NIELSEN MEDIA RES INC

¹ The USPC classes correspond to telecommunications (455), multiplex communications (370), and pulse or digital communications (375). The sixteen patents in these USPC classes that issued in 2010 are US 7,860,249, US 7,860,131, US 7,849,479, US 7,831,204, US 7,830,925, US 7,784,082, US 7,783,252, US 7,774,809, US 7,769,344, US 7,769,170, US 7,764,685, US 7,761,890, US 7,752,650, US 7,752,649, US 7,747,217, US 7,734,251.

² Forward citations were identified using Thompson Innovation’s “Patent Export” product on October 10, 2013.

EP1043854A2	10/11/2000	NIELSEN MEDIA RES INC
EP1190572B1	6/20/2007	ACEINC PTY LTD
EP1307025A2	5/2/2003	OPENTV INC
EP325219A2	7/26/1989	NIELSEN A C CO
ES2203294A1	4/1/2004	GLOBAL STANDARDS S L
GB2230667A	10/24/1990	PIONEER ELECTRONIC CORP
GB2230667B	5/18/1994	PIONEER ELECTRONIC CORP
JP03495454B2	2/9/2004	-
JP03561326B2	9/2/2004	THOMSON CONSUMER ELECTRONICS INC
KR752262B1	8/29/2007	SILVERBROOK RESEARCH PTY. LTD.
US20060108434A1	5/25/2006	CERYS SYSTEMS INC
US20070022447A1	1/25/2007	-
US20070245258A1	10/18/2007	CODMAN NEURO SCIENCES SARL
US20070250850A1	10/25/2007	-
US20070253493A1	11/1/2007	RENESAS TECH CORP
US20080107392A1	5/8/2008	SBC KNOWLEDGE VENTURES LP
US20090073317A1	3/19/2009	HIMAX TECH LTD
US20090104880A1	4/23/2009	MATSUSHITA ELECTRIC IND CO LTD
US20090109769A1	4/30/2009	SPANSION LLC
US20090288110A1	11/19/2009	GOTUIT MEDIA CORP

US20100091982A1	4/15/2010	-
US20100146258A1	6/10/2010	DYNAMIC SYSTEMS LTD
US20100331046A1	12/30/2010	-
US20110093529A1	4/21/2011	-
US20110115977A1	5/19/2011	TRIVENI DIGITAL
US20110161192A1	6/30/2011	AIS MAN GMBH
US20110321109A1	12/29/2011	-
US20120036533A1	2/9/2012	UNITED VIDEO PROPERTIES INC
US20120113322A1	5/10/2012	-
US20120246673A1	9/27/2012	-
US20130067299A1	3/14/2013	GEN ELECTRIC
US4829558A	5/9/1989	PEAC MEDIA RESEARCH INC
US4885775A	12/5/1989	SCIENTIFIC ATLANTA
US4890319A	12/26/1989	SCIENT ATLANTIC INC
US4945563A	7/31/1990	SATELLITE TECHNOLOGY SERVICES
US5016272A	5/14/1991	STUBBS JAMES R
US5038211A	8/6/1991	SUPERGUIDE CORP
US5058160A	10/15/1991	SCIENTIFIC ATLANTA
US5127057A	6/30/1992	FORD MOTOR CO
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US5197047A	3/23/1993	SONY AUSTRALIA
US5197084A	3/23/1993	US AIR FORCE
US5200825A	4/6/1993	BEAM LASER SYSTEMS INC
US5214760A	5/25/1993	TEKTRONIX INC
US5283819A	2/1/1994	COMPUADD CORP
US5323234A	6/21/1994	PIONEER ELECTRONIC CORP

US5329590A	7/12/1994	UNIDEN AMERICA CORP
US5367330A	11/22/1994	HAAVE LUTHER
US5408516A	4/18/1995	DASSAULT AUTOMATISMES
US5412720A	5/2/1995	ICTV INC
US5425100A	6/13/1995	NIELSEN A C CO
US5434590A	7/18/1995	IBM
US5448568A	9/5/1995	THOMSON CONSUMER ELECTRONICS
US5459789A	10/17/1995	THOMSON CONSUMER ELECTRONICS
US5475585A	12/12/1995	BUSH; THOMAS A
US5475688A	12/12/1995	THOMSON CONSUMER ELECTRONICS
US5475754A	12/12/1995	THOMSON CONSUMER ELECTRONICS
US5485197A	1/16/1996	ICTV INC
US5508733A	4/16/1996	KASSATLY; L SAMUEL A
US5508815A	4/16/1996	SMART VCR LTD
US5517652A	5/14/1996	HITACHI LTD
US5521979A	5/28/1996	THOMSON CONSUMER ELECTRONICS
US5526034A	6/11/1996	ICTV INC
US5526427A	6/11/1996	NIELSEN A C CO
US5537141A	7/16/1996	ACTV INC
US5539920A	7/23/1996	THOMSON CONSUMER ELECTRONICS

US5548532A	8/20/1996	THOMSON CONSUMER ELECTRONICS
US5550578A	8/27/1996	ICTV INC
US5555308A	9/10/1996	LEVIEN ANGELIKA R
US5557316A	9/17/1996	ICTV INC
US5557675A	9/17/1996	SCHUPAK; DONALD
US5563648A	10/8/1996	THOMSON CONSUMER ELECTRONICS
US5568272A	10/22/1996	SMART VCR LTD
US5585838A	12/17/1996	MICROSOFT CORP
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US5613003A	3/18/1997	THOMSON CONSUMER ELECTRONICS
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US5632007A	5/20/1997	ACTV INC
US5644354A	7/1/1997	PREVUE INTERACTIVE INC
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US6314574B1	11/6/2001	CHAN HARK
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US6317882B1	11/13/2001	ROBBINS THOMAS D
US6321025B1	11/20/2001	HITACHI LTD
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US6347215B1	2/12/2002	CHAN HARK C
US6349134B1	2/19/2002	RONALD A KATZ TECHNOLOGY LICEN
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US6424703B1	7/23/2002	RONALD A KATZ TECHNOLOGY LICEN
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US6449654B1	9/10/2002	UNITED VIDEO PROPERTIES INC
US6452930B1	9/17/2002	MOTOROLA INC
US6463585B1	10/8/2002	DISCOVERY COMMUNICAT INC
US6470497B1	10/22/2002	UNITED VIDEO PROPERTIES INC
US6473860B1	10/29/2002	CHAN HARK C
US6476825B1	11/5/2002	CLEMENS CROY
US6486892B1	11/26/2002	STERN JOSEPH L
US6490356B1	12/3/2002	BEUQUE JEAN-BERNARD GERARD MAURICE
US6493878B1	12/10/2002	KASSATLY LORD SAMUEL A
US6509908B1	1/21/2003	CROY CLEMENS
US6512415B1	1/28/2003	RONALD A KATZ TECH LICENSING
US6513003B1	1/28/2003	FAIR DISCLOSURE FINANCIAL NETW
US6515680B1	2/4/2003	DISCOVERY COMMUNICAT INC
US6526575B1	2/25/2003	UNITED VIDEO PROPERTIES INC
US6530082B1	3/4/2003	WINK COMMUNICATIONS INC
US6539548B1	3/25/2003	DISCOVERY COMMUNICAT INC
US6544121B2	4/8/2003	ODS PROPERTIES INC
US6546427B1	4/8/2003	IBM
US6549935B1	4/15/2003	SILVERBROOK RES PTY LTD

US6553239B1	4/22/2003	CISCO TECH IND
US6554708B1	4/29/2003	ODS PROPERTIES INC
US6554709B1	4/29/2003	ODS PROPERTIES INC
US6563515B1	5/13/2003	UNITED VIDEO PROPERTIES INC
US6563999B1	5/13/2003	SONY COMP ENTERTAINMENT INC
US6564379B1	5/13/2003	UNITED VIDEO PROPERTIES INC
US6570967B2	5/27/2003	RONALD A KATZ TECHNOLOGY LICEN
US6571390B1	5/27/2003	MICROSOFT CORP
US6578203B1	6/10/2003	ANDERSON JR TAZWELL L
US6581076B1	6/17/2003	IBM
US6583825B1	6/24/2003	INDEX SYSTEMS INC
US6591060B1	7/8/2003	XEROX CORP
US6600870B1	7/29/2003	HITACHI LTD
US6604242B1	8/5/2003	LIBERATE TECHNOLOGIES
US6606128B2	8/12/2003	UNITED VIDEO PROPERTIES INC
US6609202B1	8/19/2003	CHAN HARK C
US6628340B1	9/30/2003	GATEWAY INC
US6631523B1	10/7/2003	MICROSOFT CORP
US6634028B2	10/14/2003	NEWS DATACOM LTD
US6640145B2	10/28/2003	HOFFBERG STEVEN
US6661468B2	12/9/2003	UNITED VIDEO PROPERTIES INC
US6662007B2	12/9/2003	GUIDE E INC

US6668377B1	12/23/2003	MICROSOFT CORP
US6671881B1	12/30/2003	THOMSON LICENSING SA
US6674448B1	1/6/2004	ODS PROPERTIES INC
US6674550B1	1/6/2004	CANON KK
US6678360B1	1/13/2004	RONALD A KATZ TECHNOLOGY LICEN
US6695701B2	2/24/2004	ODS PROPERTIES INC
US6697632B1	2/24/2004	SHARP LAB OF AMERICA INC
US6712701B1	3/30/2004	ODS TECHNOLOGIES L P
US6728967B2	4/27/2004	UNITED VIDEO PROPERTIES INC
US6735487B1	5/11/2004	ODS PROPERTIES INC
US6738978B1	5/18/2004	DISCOVERY COMMUNICAT INC
US6741574B2	5/25/2004	HUGHES ELECTRONICS CORP
US6742183B1	5/25/2004	UNITED VIDEO PROPERTIES INC
US6757478B2	6/29/2004	HITACHI LTD
US6766140B1	7/20/2004	CHAN HARK C
US6771317B2	8/3/2004	UNITED VIDEO PROPERTIES INC
US6772344B1	8/3/2004	CHAN HARK C
US6773347B1	8/10/2004	ODS PROPERTIES INC
US6789124B1	9/7/2004	GEN INSTRUMENT CORP
US6789198B1	9/7/2004	CHAN HARK

US6799326B2	9/28/2004	UNITED VIDEO PROPERTIES INC
US6799327B1	9/28/2004	UNITED VIDEO PROPERTIES INC
US6837789B2	1/4/2005	ODS PROPERTIES INC
US6837791B1	1/4/2005	ODS PROPERTIES INC
US6867789B1	3/15/2005	BANK ONE DELAWARE NAT ASS
US6869364B2	3/22/2005	ODS PROPERTIES INC
US6870570B1	3/22/2005	MATSUSHITA ELECTRIC IND CO LTD
US6887156B2	5/3/2005	ODS PROPERTIES INC
US6898762B2	5/24/2005	UNITED VIDEO PROPERTIES INC
US6968375B1	11/22/2005	HEALTH HERO NETWORK INC
US6968568B1	11/22/2005	IBM
US6973651B1	12/6/2005	IBM
US6980529B1	12/27/2005	DIRECTV GROUP INC
US7000243B1	2/14/2006	ONCOMMAND CORP
US7017178B1	3/21/2006	SEDNA PATENT SERVICES LLC
US7019770B1	3/28/2006	TELEBUYER LLC
US7035815B1	4/25/2006	DELL USA LP
US7036139B2	4/25/2006	ARAS MEHMET R
US7039935B2	5/2/2006	UNITED VIDEO PROPERTIES INC
US7043747B1	5/9/2006	ACEINC PTY LTD

US7047547B2	5/16/2006	UNITED VIDEO PROPERTIES INC
US7058817B1	6/6/2006	CHASE MANHATTAN BANK NAT ASS
US7065709B2	6/20/2006	UNITED VIDEO PROPERTIES INC
US7073187B1	7/4/2006	SEDNA PATENT SERVICES LLC
US7073189B2	7/4/2006	TIME WARNER INTERACTIVE VIDEO
US7075899B2	7/11/2006	ACTV INC
US7079176B1	7/18/2006	ACTV INC
US7085529B1	8/1/2006	DIRECTV GROUP INC
US7100185B2	8/29/2006	UNITED VIDEO PROPERTIES INC
US7107225B1	9/12/2006	MCCLUNG III GUY L
US7124425B1	10/17/2006	IMMERSION ENTERTAINMENT L L C
US7130997B2	10/31/2006	IBM
US7143174B2	11/28/2006	JPMORGAN CHASE BANK NA
US7146498B1	12/5/2006	MATSUSHITA ELECTRIC IND CO LTD
US7155614B2	12/26/2006	ELLMORE KIMBERLY
US7163153B2	1/16/2007	JPMORGAN CHASE BANK NA
US7167818B2	1/23/2007	HEALTH HERO NETWORK INC
US7181758B1	2/20/2007	DATA INNOVATION L L C

US7191952B2	3/20/2007	JPMORGAN CHASE BANK NA
US7197713B2	3/27/2007	STERN JOSEPH L
US7200547B2	4/3/2007	KONINKL PHILIPS ELECTRONICS NV
US7201658B2	4/10/2007	ODS PROPERTIES INC
US7207055B1	4/17/2007	SEDNA PATENT SERVICES LLC
US7209943B1	4/24/2007	IBM
US7210160B2	4/24/2007	IMMERSION ENTERTAINMENT L L C
US7223235B2	5/29/2007	HEALTH HERO NETWORK INC
US7223236B2	5/29/2007	HEALTH HERO NETWORK INC
US7225455B2	5/29/2007	UNITED VIDEO PROPERTIES INC
US7229354B2	6/12/2007	ODS PROPERTIES INC
US7242988B1	7/10/2007	HOFFBERG LINDA IRENE
US7243364B2	7/10/2007	MICROSOFT CORP
US7246263B2	7/17/2007	JPMORGAN CHASE BANK
US7246324B2	7/17/2007	JPMORGAN CHASE BANK
US7252636B2	8/7/2007	HEALTH HERO NETWORK INC
US7257132B1	8/14/2007	HITACHI LTD
US7258666B2	8/21/2007	HEALTH HERO NETWORK INC
US7260480B1	8/21/2007	HEALTH HERO NETWORK INC
US7260785B2	8/21/2007	IBM

US7264546B2	9/4/2007	ODS PROPERTIES INC
US7264591B2	9/4/2007	HEALTH HERO NETOWRK INC
US7265663B2	9/4/2007	TRIVINCI SYSTEMS LLC
US7266839B2	9/4/2007	J P MORGAN CHASE BANK
US7269108B2	9/11/2007	SAMSUNG ELECTRONICS CO LTD
US7269841B1	9/11/2007	SEDNA PATENT SERVICES LLC
US7273786B2	9/25/2007	INFINEON TECHNOLOGIES AG
US7287267B2	10/23/2007	UNITED VIDEO PROPERTIES INC
US7290032B2	10/30/2007	NEC CORP
US7297109B2	11/20/2007	HEALTH HERO NETWORK INC
US7299501B2	11/20/2007	DISCOVERY COMMUNICAT INC
US7305348B1	12/4/2007	HEALTH HERO NETWORK INC
US7305691B2	12/4/2007	ACTV INC
US7310051B2	12/18/2007	ESPEED INC
US7310668B2	12/18/2007	HEALTH HERO NETWORK INC
US7313810B1	12/25/2007	WEATHER CHANNEL
US7319477B2	1/15/2008	TELEBUYER LLC
US7319808B2	1/15/2008	HITACHI LTD
US7320030B2	1/15/2008	HEALTH HERO NETWORK INC
US7321864B1	1/22/2008	JPMORGAN CHASE BANK NA

US7336788B1	2/26/2008	DISCOVERY COMMUNICATOINS INC
US7353383B2	4/1/2008	JPMORGAN CHASE BANK NA
US7357331B2	4/15/2008	JPMORGAN CHASE BANK NA
US7363511B2	4/22/2008	NOKIA CORP
US7370343B1	5/6/2008	UNITED VIDEO PROPERTIES INC
US7376838B2	5/20/2008	JP MORGAN CHASE BANK
US7377440B2	5/27/2008	QWEST COMM INT INC
US7379886B1	5/27/2008	ODS PROPERTIES INC
US7382796B2	6/3/2008	VISIBLE WORLD INC
US7383229B2	6/3/2008	YAHOO INC
US7386871B1	6/10/2008	UNITED VIDEO PROPERTIES INC
US7392167B2	6/24/2008	HEALTH HERO NETWORK INC
US7392386B2	6/24/2008	J P MORGAN CHASE BANK
US7395514B2	7/1/2008	STERN JOSEPH L
US7398541B2	7/8/2008	UNITED VIDEO PROPERTIES INC
US7399276B1	7/15/2008	HEALTH HERO NETWORK INC
US7401286B1	7/15/2008	DISCOVERY COMMUNICAT INC
US7409562B2	8/5/2008	DIRECTV GROUP INC
US7409700B1	8/5/2008	WALT DISNEY PROD

US7421628B2	9/2/2008	NIELSEN MEDIA RES INC
US7421696B2	9/2/2008	JP MORGAN CHASE BANK
US7421724B2	9/2/2008	STARSIGHT TELECAST INC
US7425978B2	9/16/2008	TELEBUYER LLC
US7426530B1	9/16/2008	JPMORGAN CHASE BANK NA
US7434052B1	10/7/2008	FRAUNHOFER GES FORSCHUNG
US7435176B2	10/14/2008	ODS PROPERTIES INC
US7437574B2	10/14/2008	NOKIA CORP
US7444663B2	10/28/2008	LODGENET INTERACTIVE CORP
US7444672B2	10/28/2008	JPMORGAN CHASE BANK NA
US7448063B2	11/4/2008	ACTV INC
US7454380B2	11/18/2008	ODS PROPERTIES INC
US7454478B1	11/18/2008	IBM
US7457414B1	11/25/2008	DIRECTV GROUP INC
US7461265B2	12/2/2008	JPMORGAN CHASE BANK NA
US7464872B2	12/16/2008	INVATRON SYSTEMS CORP
US7465879B2	12/16/2008	CABLE COMPONENTS GROUP
US7472171B2	12/30/2008	JPMORGAN CHASE BANK NAT ASS
US7473849B2	1/6/2009	CABLE COMPONENTS GROUP

US7473850B2	1/6/2009	CABLE COMPONENTS GROUP
US7477954B2	1/13/2009	SCIENT GAMES INT INC
US7480381B2	1/20/2009	DIRECTV GROUP INC
US7480929B2	1/20/2009	STARSIGHT TELECAST INC
US7483871B2	1/27/2009	PINPOINT INC
US7487523B1	2/3/2009	COMCAST IP HOLDINGS I LLC
US7487525B1	2/3/2009	SEDNA
US7487526B2	2/3/2009	IBM
US7487529B1	2/3/2009	STARSIGHT TELECAST INC
US7490344B2	2/10/2009	VISIBLE WORLD INC
US7493641B2	2/17/2009	STARSIGHT TELECAST INC
US7493646B2	2/17/2009	UNITED VIDEO PROPERTIES INC
US7503055B2	3/10/2009	UNITED VIDEO PROPERTIES INC
US7508789B2	3/24/2009	DATA INNOVATION LLC
US7509020B2	3/24/2009	DIRECTV GROUP INC
US7509270B1	3/24/2009	DISCOVERY COMMUNICAT INC
US7516070B2	4/7/2009	CUSTOM SPEECH USA INC
US7516192B2	4/7/2009	HEALTH HERO NETWORK INC
US7522554B2	4/21/2009	DATA INNOVATION LLC

US7523477B2	4/21/2009	UNITED VIDEO PROPERTIES INC
US7526449B1	4/28/2009	JPMORGAN CHASE BANK NA
US7533171B2	5/12/2009	HEALTH HERO NETWORK INC
US7536478B2	5/19/2009	RPX LV ACQUISITION LLC
US7539937B2	5/26/2009	SILVERBROOK RES PTY LTD
US7548348B2	6/16/2009	SEIKO EPSON CORP
US7548624B2	6/16/2009	DIRECTV GROUP INC
US7548988B2	6/16/2009	RPX LV ACQUISITION LLC
US7552458B1	6/23/2009	DIRECTV GROUP INC
US7555282B2	6/30/2009	BGC PARTNERS INC
US7555436B2	6/30/2009	HEALTH HERO NETWORK INC
US7567686B2	7/28/2009	DIGIMARC CORP
US7571457B1	8/4/2009	COX COMMUNICATIONS INC
US7574721B2	8/11/2009	POCOCK MICHAEL
US7580523B2	8/25/2009	DIRECTV GROUP INC
US7584108B2	9/1/2009	HEALTH HERO NETWORK INC
US7587469B2	9/8/2009	HEALTH HERO NETWORK INC
US7587728B2	9/8/2009	NIELSEN CO US LLC
US7589626B2	9/15/2009	XANADOO COMPANY

US7590549B2	9/15/2009	HEALTH HERO NETWORK INC
US7590568B2	9/15/2009	NIELSEN CO US LLC
US7590993B1	9/15/2009	COMCAST IP HOLDINGS I LLC
US7593687B2	9/22/2009	IMMERSION ENTERTAINMENT LLC
US7593875B2	9/22/2009	JP MORGAN CHASE BANK
US7596786B2	9/29/2009	RPX LV ACQUISITION LLC
US7599494B2	10/6/2009	DIRECTV GROUP INC
US7606731B2	10/20/2009	MCCLUNG III GUY LAMONTE
US7613590B2	11/3/2009	HEALTH HERO NETWORK INC
US7613621B2	11/3/2009	HEALTH HERO NETWORK INC
US7613635B2	11/3/2009	NIELSEN CO US LLC
US7624028B1	11/24/2009	HEALTH HERO NETWORK INC
US7624411B2	11/24/2009	UNITED VIDEO PROPERTIES INC
US7627750B1	12/1/2009	DATA INNOVATION LLC
US7628695B2	12/8/2009	ODS PROPERTIES INC
US7630986B1	12/8/2009	PINPOINT INC
US7634786B2	12/15/2009	UNITED VIDEO PROPERTIES INC
US7634798B2	12/15/2009	WALT DISNEY PROD

US7636511B2	12/22/2009	INDEX SYSTEMS INC
US7636667B2	12/22/2009	HEALTH HERO NETWORKS INC
US7636788B2	12/22/2009	RPX LV ACQUISITION LLC
US7643971B2	1/5/2010	HEALTH HERO NETWORK INC
US7644156B2	1/5/2010	NIELSEN CO US LLC
US7646962B1	1/12/2010	GUIDEWORKS LLC
US7648414B2	1/19/2010	ODS PROPERTIES INC
US7650407B2	1/19/2010	NIELSEN CO US LLC
US7650621B2	1/19/2010	UNITED VIDEO PROPERTIES INC
US7653724B2	1/26/2010	NIELSEN CO US LLC
US7654462B2	2/2/2010	CASEY STEVEN M
US7657428B2	2/2/2010	VISIBLE WORLD INC
US7659814B2	2/9/2010	IBM
US7660722B2	2/9/2010	PANASONIC CORP
US7665109B2	2/16/2010	MICROSOFT CORP
US7673314B2	3/2/2010	UNITED VIDEO PROPERTIES INC
US7673321B2	3/2/2010	YURT PAUL
US7676751B2	3/9/2010	JPMORGAN CHASE BANK NA
US7684999B2	3/23/2010	HEALTH HERO NETWORK INC
US7685013B2	3/23/2010	JPMORGAN CHASE BANK
US7689440B2	3/30/2010	HEALTH HERO NETWORK INC

US7689504B2	3/30/2010	JPMORGAN CHASE BANK NA
US7689598B2	3/30/2010	IBM
US7694319B1	4/6/2010	UNITED VIDEO PROPERTIES INC
US7702538B2	4/20/2010	JPMORGAN CHASE BANK NA
US7702752B2	4/20/2010	DISNEY ENTPR INC
US7707270B2	4/27/2010	HEALTH HERO NETWORK INC
US7712114B2	5/4/2010	NIELSEN CO US LLC
US7716326B2	5/11/2010	NIELSEN CO US LLC
US7716349B1	5/11/2010	DISCOVERY COMMUNICAT INC
US7720963B2	5/18/2010	NIELSEN CO US LLC
US7720964B2	5/18/2010	NIELSEN CO US LLC
US7725073B2	5/25/2010	IMMERSION ENTERTAINMENT LLC
US7730177B2	6/1/2010	HEALTH HERO NETWORK INC
US7730512B2	6/1/2010	ACACIA MEDIA TECHNOLOGIES CORP
US7734718B2	6/8/2010	HEALTH HERO NETWORK INC
US7735107B2	6/8/2010	UNITED VIDEO PROPERTIES INC
US7739353B2	6/15/2010	RPX LV ACQUISITION LLC
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US7742737B2	6/22/2010	NIELSEN CO US LLC
US7747866B1	6/29/2010	JPMORGAN CHASE BANK NA
US7751588B2	7/6/2010	DIGIMARC CORP
US7751596B2	7/6/2010	DIGIMARC CORP
US7756816B2	7/13/2010	JPMORGAN CHASE BANK NA
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US7757252B1	7/13/2010	THOMSON LICENSING SA
US7757254B2	7/13/2010	MICROSOFT CORP
US7761312B2	7/20/2010	HEALTH HERO NETWORK INC
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US7765112B2	7/27/2010	HEALTH HERO NETWORK INC
US7766224B2	8/3/2010	WESTERN UNION CO
US7769605B2	8/3/2010	HEALTH HERO NETWORK INC
US7769631B2	8/3/2010	MCCLUNG III GUY L
US7770196B1	8/3/2010	COMCAST IP HOLDINGS I LLC
US7773860B2	8/10/2010	DIRECTV GROUP INC
US7778845B2	8/17/2010	HEALTH HERO NETWORK INC
US7779445B2	8/17/2010	UNITED VIDEO PROPERTIES INC
US7783578B2	8/24/2010	JPMORGAN CHASE BANK NA
US7786987B2	8/31/2010	NIELSEN CO US LLC

US7787752B2	8/31/2010	SONY CORP
US7788684B2	8/31/2010	VERANCE CORP
US7788693B2	8/31/2010	ROBBINS THOMAS DEAN
US7792696B1	9/7/2010	RPX LV ACQUISITION LLC
US7797552B2	9/14/2010	DIRECTV GROUP INC
US7801303B2	9/21/2010	DIRECTV GROUP INC
US7802285B2	9/21/2010	UNITED VIDEO PROPERTIES INC
US7804958B2	9/28/2010	DIRECTV GROUP INC
US7805399B2	9/28/2010	PINDER HOWARD G
US7805500B2	9/28/2010	DIGIMARC CORP
US7814143B2	10/12/2010	HEALTH HERO NETWORK INC
US7814421B2	10/12/2010	UNITED VIDEO PROPERTIES INC
US7814511B2	10/12/2010	INDEX SYSTEMS INC
US7817785B1	10/19/2010	TP LAB INC
US7818234B1	10/19/2010	EGAN SEAN J
US7818765B2	10/19/2010	IBM
US7818773B2	10/19/2010	ACACIA MEDIA TECHNOLOGIES CORP
US7819316B2	10/26/2010	LV PARTNERS L P
US7822207B2	10/26/2010	ATMEL ROUSSET SAS
US7822625B2	10/26/2010	HEALTH HERO NETWORK INC
US7822829B2	10/26/2010	RPX LV ACQUISITION LLC

US7823177B2	10/26/2010	UNITED VIDEO PROPERTIES INC
US7825343B2	11/2/2010	INVATRON SYSTEMS CORP
US7827040B2	11/2/2010	HEALTH HERO NETWORK INC
US7830830B2	11/9/2010	DATA INNOVATION LLC
US7835508B1	11/16/2010	TELEBUYER LLC
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US7835989B1	11/16/2010	DISCOVERY COMMUNICAT INC
US7836481B1	11/16/2010	COMCAST IP HOLDINGS I LLC
US7839984B2	11/23/2010	TELEBUYER LLC
US7840176B2	11/23/2010	EMAIL LINK CORP
US7840420B2	11/23/2010	HEALTH HERO NETWORK INC
US7840434B2	11/23/2010	AT & T INTELLECTUAL PROPERTY I
US7844986B2	11/30/2010	HITACHI CONSUMER ELECTRONICS
US7848496B2	12/7/2010	TELEBUYER LLC
US7849393B1	12/7/2010	DISCOVERY COMMUNICAT INC
US7849492B2	12/7/2010	PANASONIC CORP
US7853455B2	12/14/2010	HEALTH HERO NETWORK INC
US7853600B2	12/14/2010	PINPOINT INC
US7859597B2	12/28/2010	IMMERSION ENTERTAINMENT LLC
US7861166B1	12/28/2010	DISCOVERY PATENT HOLDING LLC

US7861261B2	12/28/2010	VISIBLE WORLD INC
US7862506B2	1/4/2011	HEALTH HERO NETWORK INC
US7865405B2	1/4/2011	DISCOVERY PATENT HOLDINGS LLC
US7865567B1	1/4/2011	DISCOVERY PATENT HOLDINGS LLC
US7867165B2	1/11/2011	HEALTH HERO NETWORK INC
US7869852B2	1/11/2011	HEALTH HERO NETWORK INC
US7870189B2	1/11/2011	RPX LV ACQUISITION LLC
US7870249B2	1/11/2011	HEALTH HERO NETWORK INC
US7870577B2	1/11/2011	VISIBLE WORLD INC
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US7870580B2	1/11/2011	VISIBLE WORLD INC
US7870585B2	1/11/2011	UNITED VIDEO PROPERTIES INC
US7870587B2	1/11/2011	UNITED VIDEO PROPERTIES INC
US7871376B2	1/18/2011	HEALTH HERO NETWORK INC
US7873978B2	1/18/2011	UNITED VIDEO PROPERTIES INC
US7877271B2	1/25/2011	HEALTH HERO NETWORK INC
US7877274B2	1/25/2011	HEALTH HERO NETWORK INC

US7877276B2	1/25/2011	HEALTH HERO NETWORK INC
US7877290B1	1/25/2011	DIRECTV GROUP INC
US7882514B2	2/1/2011	NIELSEN CO US LLC
US7882518B2	2/1/2011	DIRECTV GROUP INC
US7890971B2	2/15/2011	VISIBLE WORLD INC
US7890989B1	2/15/2011	SONY CORP
US7895615B1	2/22/2011	DIRECTV GROUP INC
US7895620B2	2/22/2011	VISIBLE WORLD INC
US7895622B2	2/22/2011	UNITED VIDEO PROPERTIES INC
US7895624B1	2/22/2011	UNITED VIDEO PROPERTIES INC
US7899915B2	3/1/2011	REISMAN RICHARD
US7900227B2	3/1/2011	VISIBLE WORLD INC
US7901625B2	3/8/2011	HEALTH HERO NETWORK INC
US7904310B2	3/8/2011	HEALTH HERO NETWORK INC
US7904344B2	3/8/2011	RPX LV ACQUISITION LLC
US7904922B1	3/8/2011	VISIBLE WORLD INC
US7908152B2	3/15/2011	HEALTH HERO NETWORK INC
US7908467B2	3/15/2011	RPX LV ACQUISITION LLC
US7912760B2	3/22/2011	RPX LV ACQUISITION LLC

US7912961B2	3/22/2011	RPX LV ACQUISITION LLC
US7913278B2	3/22/2011	UNITED VIDEO PROPERTIES INC
US7917924B2	3/29/2011	VISIBLE WORLD INC
US7917933B2	3/29/2011	UNITED VIDEO PROPERTIES INC
US7921186B2	4/5/2011	HEALTH HERO NETWORK INC
US7925522B2	4/12/2011	HEALTH HERO NETWORK INC
US7925780B2	4/12/2011	RPX LV ACQUISITION LLC
US7925972B2	4/12/2011	SILVERBROOK RES PTY LTD
US7926078B2	4/12/2011	DIRECTV GROUP INC
US7929903B2	4/19/2011	IMMERSION ENTERTAINMENT LLC
US7941323B2	5/10/2011	HEALTH HERO NETWORK INC
US7941327B2	5/10/2011	HEALTH HERO NETWORK INC
US7941533B2	5/10/2011	JPMORGAN CHASE BANK NA
US7941818B2	5/10/2011	INDEX SYSTEMS INC
US7950990B2	5/31/2011	ODS PROPERTIES
US7953270B2	5/31/2011	DIGIMARC CORP
US7966230B2	6/21/2011	HEALTH HERO NETWORK INC
US7966496B2	6/21/2011	JPMORGAN CHASE BANK NA
US7971222B2	6/28/2011	UNITED VIDEO PROPERTIES INC

US7972267B2	7/5/2011	HEALTH HERO NETWORK INC
US7974714B2	7/5/2011	HOFFBERG STEVEN MARK
US7979284B2	7/12/2011	HEALTH HERO NETWORK INC
US7979576B2	7/12/2011	RPX LV ACQUISITION LLC
US7984474B2	7/19/2011	QUARTICS INC
US7986928B2	7/26/2011	MOTOROLA MOBILITY INC
US7987100B2	7/26/2011	HEALTH HERO NETWORK INC
US7987245B2	7/26/2011	DIGIMARC CORP
US7987282B2	7/26/2011	TOUCHTUNES MUSIC CORP
US7987491B2	7/26/2011	REISMAN RICHARD
US7987501B2	7/26/2011	JPMORGAN CHASE BANK NA
US7991347B1	8/2/2011	DATA INNOVATION LLC
US7992175B2	8/2/2011	DIRECTV GROUP INC
US7992178B1	8/2/2011	TOUCHTUNES MUSIC CORP
US7996438B2	8/9/2011	TOUCHTUNES MUSIC CORP
US7996864B2	8/9/2011	GEMSTAR DEV CORP
US7996873B1	8/9/2011	TOUCHTUNES MUSIC CORP
US8001563B2	8/16/2011	UNITED VIDEO PROPERTIES INC
US8001564B2	8/16/2011	UNITED VIDEO PROPERTIES INC

US8001565B2	8/16/2011	DIRECTV GROUP INC
US8005690B2	8/23/2011	HEALTH HERO NETWORK INC
US8005985B2	8/23/2011	RPX & MDASH LV ACQUISITION LLC
US8006261B1	8/23/2011	VISIBLE WORLD INC
US8006263B2	8/23/2011	UNITED VIDEO PROPERTIES INC
US8015025B2	9/6/2011	HEALTH HERO NETWORK INC
US8015030B2	9/6/2011	HEALTH HERO NETWORK INC
US8015097B2	9/6/2011	BGC PARTNERS INC
US8019618B2	9/13/2011	HEALTH HERO NETWORK INC
US8024201B2	9/20/2011	HEALTH HERO NETWORK INC
US8024763B2	9/20/2011	UNITED VIDEO PROPERTIES INC
US8027809B2	9/27/2011	HEALTH HERO NETWORK INC
US8028318B2	9/27/2011	TOUCHTUNES MUSIC CORP
US8032879B2	10/4/2011	TOUCHTUNES MUSIC CORP
US8032907B2	10/4/2011	POCOCK MICHAEL
US8037412B2	10/11/2011	TOUCHTUNES MUSIC CORP
US8045751B2	10/25/2011	FUJI XEROX CO LTD
US8046697B2	10/25/2011	FLATROCK TECHNOLOGY LLC

US8046801B2	10/25/2011	UNITED VIDEO PROPERTIES INC
US8046818B2	10/25/2011	INTERVAL LICENSING LLC
US8051078B2	11/1/2011	SONY CORP
US8051294B2	11/1/2011	DIGIMARC CORP
US8051450B2	11/1/2011	MICROSOFT CORP
US8056100B2	11/8/2011	PINPOINT INC
US8059796B2	11/15/2011	TELEBUYER LLC
US8060905B1	11/15/2011	COMCAST IP HOLDINGS I LLC
US8062111B2	11/22/2011	ODS PROPERTIES INC
US8065364B2	11/22/2011	AT & T INTELLECTUAL PROPERTY I L P
US8069098B2	11/29/2011	RPX LV ACQUISITION LLC
US8069468B1	11/29/2011	ORACLE AMERICA INC
US8073695B1	12/6/2011	ADREA LLC
US8074253B1	12/6/2011	TOUCHTUNES MUSIC CORP
US8078407B1	12/13/2011	HEALTH HERO NETWORK INC
US8078431B2	12/13/2011	HEALTH HERO NETWORK INC
US8082568B2	12/20/2011	UNITED VIDEO PROPERTIES INC
US8082572B1	12/20/2011	DIRECTV GROUP INC
US8086575B2	12/27/2011	ROVI SOLUTIONS CORP
US8087048B2	12/27/2011	UNITED VIDEO PROPERTIES INC
US8087050B2	12/27/2011	UNITED VIDEO PROPERTIES INC

US8091110B2	1/3/2012	UNITED VIDEO PROPERTIES INC
US8095340B2	1/10/2012	HEALTH HERO NETWORK INC
US8095466B2	1/10/2012	DIRECTV GROUP INC
US8095785B2	1/10/2012	DEFREESE DARRYL L
US8095949B1	1/10/2012	ADREA LLC
US8098272B2	1/17/2012	TELEBUYER LLC
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US8107977B2	1/31/2012	UNITED VIDEO PROPERTIES INC
US8108886B1	1/31/2012	SONY CORP
US8108888B2	1/31/2012	NIELSEN CO US LLC
US8108899B2	1/31/2012	MICROSOFT CORP
US8111279B2	2/7/2012	TELEBUYER LLC
US8117286B2	2/14/2012	DISNEY ENTPR INC
US8117635B2	2/14/2012	COMCAST IP HOLDINGS I LLC
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US8132204B2	3/6/2012	VISIBLE WORLD INC
US8134645B2	3/13/2012	INDEX SYSTEMS INC
US8139684B2	3/20/2012	KOREA ADVANCED INST SCI & TECH
US8140663B2	3/20/2012	HEALTH HERO NETWORK INC
US8140859B1	3/20/2012	DIRECTV GROUP INC

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US8145547B2	3/27/2012	TOUCHTUNES MUSIC CORP
US8146117B2	3/27/2012	UNITED VIDEO PROPERTIES INC
US8149168B1	4/3/2012	TRUEPOSITION INC
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US8151291B2	4/3/2012	NIELSEN CO US LLC
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US8151304B2	4/3/2012	TOUCHTUNES MUSIC CORP
US8156517B2	4/10/2012	NIELSEN COMPANY U S LLC
US8156529B2	4/10/2012	INDEX SYSTEMS INC
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US8165992B2	4/24/2012	IBM
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US8166511B2	4/24/2012	RESOURCE CONSORTIUM LTD
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US8175908B1	5/8/2012	JPMORGAN CHASE BANK NA
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US8190893B2	5/29/2012	JP MORGAN CHASE BANK
US8191103B2	5/29/2012	SONY CORP
US8196168B1	6/5/2012	TIME WARNER INC
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US8207998B1	6/26/2012	TELEBUYER LLC
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US8228917B2	7/24/2012	QUALCOMM INC
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US8233504B2	7/31/2012	HITACHI LTD

US8238722B2	8/7/2012	INTERVAL LICENSING LLC
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US8249894B2	8/21/2012	ROBERT BOSCH HEALTHCARE INC
US8249959B2	8/21/2012	TOUCHTUNES MUSIC CORP
US8253865B2	8/28/2012	IMMERSION ENTERTAINMENT
US8254758B2	8/28/2012	HITACHI CONSUMER ELECTRONICS
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US8275668B2	9/25/2012	TOUCHTUNES MUSIC CORP
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US8281339B1	10/2/2012	UNITED VIDEO PROPERTIES INC
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US8295342B2	10/23/2012	IBM
US8296440B2	10/23/2012	RPX CORP
US8296807B2	10/23/2012	INDEX SYSTEMS INC
US8296816B2	10/23/2012	AT&T IP I LP
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US8311575B2	11/13/2012	HTC CORP
US8315364B2	11/20/2012	TELEBUYER LLC
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US8321896B2	11/27/2012	INDEX SYSTEMS INC
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US8332887B2	12/11/2012	TOUCHTUNES MUSIC CORP
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US8335823B2	12/18/2012	RESEARCH IN MOTION LTD
US8335855B2	12/18/2012	JPMORGAN CHASE BANK NA
US8336071B2	12/18/2012	GEMSTAR DEV CORP
US8340348B2	12/25/2012	VERANCE CORP

US8340501B2	12/25/2012	HITACHI CONSUMER ELECTRONICS
US8341688B2	12/25/2012	INTERVAL LICENSING LLC
US8346567B2	1/1/2013	VERANCE CORP
US8347345B1	1/1/2013	COX COMMUNICATIONS INC
US8352324B2	1/8/2013	AIS MAN GMBH
US8352978B2	1/8/2013	UNITED VIDEO PROPERTIES INC
US8353827B2	1/15/2013	ROBERT BOSCH HEALTHCARE SYSTEMS INC
US8355514B2	1/15/2013	DIGIMARC CORP
US8359616B2	1/22/2013	UNITED VIDEO PROPERTIES INC
US8369967B2	2/5/2013	HOFFBERG STEVEN M
US8370884B2	2/5/2013	UNITED VIDEO PROPERTIES INC
US8375404B2	2/12/2013	NIELSEN CO US LLC
US8385403B2	2/26/2013	RENESAS ELECTRONICS CORP
US8391773B2	3/5/2013	KANGAROO MEDIA INC
US8391774B2	3/5/2013	KANGAROO MEDIA INC
US8391825B2	3/5/2013	KANGAROO MEDIA INC
US8392301B1	3/5/2013	JPMORGAN CHASE BANK NA
US8396216B2	3/12/2013	PINDER HOWARD G

US8397259B2	3/12/2013	UNITED VIDEO PROPERTIES INC
US8402488B2	3/19/2013	ROVI GUIDES INC
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US8429244B2	4/23/2013	INTERVAL LICENSING LLC
US8432489B2	4/30/2013	KANGAROO MEDIA INC
US8433898B2	4/30/2013	TVWORKS LLC
US8438085B2	5/7/2013	TOUCHTUNES MUSIC CORP
US8438086B2	5/7/2013	JPMORGAN CHASE BANK NA
US8438601B2	5/7/2013	ROVI SOLUTIONS CORP

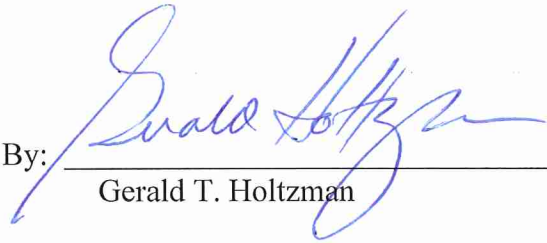
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US8453174B2	5/28/2013	STARSIGHT TELECAST INC
US8457475B2	6/4/2013	UNITED VIDEO PROPERTIES INC
US8457545B2	6/4/2013	ONLINE NEWS LINK LLC
US8458070B2	6/4/2013	JPMORGAN CHASE BANK NA
US8462628B2	6/11/2013	INTEGRATED DEVICE TECH
US8469820B2	6/25/2013	TOUCHTUNES MUSIC CORP
US8473416B2	6/25/2013	TOUCHTUNES MUSIC CORP
US8473735B1	6/25/2013	JPMORGAN CHASE
US8479240B2	7/2/2013	TOUCHTUNES MUSIC CORP
US8479246B2	7/2/2013	INTERTAINER INC
US8488788B2	7/16/2013	SONY CORP
US8489428B2	7/16/2013	ROBERT BOSCH HEALTHCARE SYSTEMS INC
US8495109B2	7/23/2013	TOUCH TUNES MUSIC CORP
US8512144B2	8/20/2013	TIPPING POINT GROUP LLC
US8515773B2	8/20/2013	SONY CORP
US8521531B1	8/27/2013	LG ELECTRONICS INC
US8521546B2	8/27/2013	HEALTH HERO NETWORK
US8521850B2	8/27/2013	DIGIMARC CORP

US8522303B2	8/27/2013	TOUCHTUNES MUSIC CORP
US8526626B2	9/3/2013	NIELSEN CO US LLC
US8527206B2	9/3/2013	BOSCH GMBH ROBERT
US8527640B2	9/3/2013	TELESHUTTLE TECH2 LLC
US8528032B2	9/3/2013	UNITED VIDEO PROPERTIES INC
US8533031B2	9/10/2013	JPMORGAN CHASE BANK NA
US8533481B2	9/10/2013	VERANCE CORP
US8535134B2	9/17/2013	MILESTONE ENTERTAINMENT LLC
US8538066B2	9/17/2013	VERANCE CORP
US8539021B2	9/17/2013	MONTERO FRANK
US8542830B2	9/24/2013	WASILEWSKI ANTHONY J
US8547199B2	10/1/2013	BGC PARTNERS
US8548166B2	10/1/2013	WASILEWSKI ANTHONY J
US8548373B2	10/1/2013	NIELSEN COMPANY
US8548813B2	10/1/2013	ADREA
US8549307B2	10/1/2013	VERANCE CORP
US8549315B2	10/1/2013	JPMORGANCHASE BANK NA
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USD582476S1	12/9/2008	JPMORGAN CHASE BANK NA
USD582977S1	12/16/2008	JPMORGAN CHASE BANK NA
USD602986S1	10/27/2009	JPMORGAN CHASE BANK NA

USD635186S1	3/29/2011	JPMORGAN CHASE BANK NA
USD636020S1	4/12/2011	JPMORGAN CHASE BANK NA
USD636021S1	4/12/2011	JPMORGAN CHASE BANK NA
USD643062S1	8/9/2011	JPMORGAN CHASE BANK NA
USRE42103E1	2/1/2011	DISNEY ENTPR INC
USRE43316E1	4/17/2012	HEALTH HERO NETWORK INC
WO1989010664A1	11/2/1989	SCIENTIFIC ATLANTA
WO1992006438A1	4/16/1992	BUSH THOMAS A
WO2000072137A1	11/30/2000	SILVERBROOK RES PTY LTD
WO2000072592A1	11/30/2000	ACEINC PTY LTD
WO2003030068A1	4/10/2003	LEO CAPITAL MAN INC
WO2003030417A1	4/10/2003	GLOBAL STANDARDS S L
WO2003069791A1	8/21/2003	SILVERBROOK RES PTY LTD
WO2008079524A2	7/3/2008	ATMEL CORP
WO2013023182A1	2/14/2013	DELL FORCE10

27. The undersigned declares that all statements made herein of his own knowledge are and all statements made on information and belief are believed to be true and further that the statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

Dated: 10/21/13

By: 
Gerald T. Holtzman