

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	REALNETWORKS, INC.	04/19/2012
RECEIVING PARTY DATA		
Name:	INTEL CORPORATION	
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	Property Type	Number
	Patent Number:	5917835
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NAME OF SUBMITTER:	JENNY KATHMAN	
SIGNATURE:	/Jenny Kathman/	
DATE SIGNED:	06/25/2014	
Total Attachments: 39		
source=2012 04 19 EXECUTED RealNetworks Inc Patent Assignment (39 pages)#page1.tif		
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PATENT

Patent Assignment

RealNetworks, Inc., a Washington corporation, with an office at 2601 Elliott Ave., Suite 1000, Seattle, Washington 98121 ("Assignor"), is the sole owner of the patents and provisional patent applications listed in Schedule 1 hereto (collectively the "Patents"); and Intel Corporation, a Delaware corporation domiciled in California, with an office at 2200 Mission College Blvd., Santa Clara, California 95052 ("Purchaser"), desires to acquire all right, title and interest in the Patents and the related rights described below.

- A. Pursuant to that certain Asset Purchase Agreement between Assignor and Purchaser dated as of January 26, 2012 (the "APA"), Assignor and Purchaser entered into a Patent Assignment dated as of April 5, 2012 at the closing of the transactions contemplated by the APA (the "Original Patent Assignment"); and
- B. The schedule of patents and patent applications to the Original Patent Assignment inadvertently contained certain errors and, pursuant to Section 5.4(a) of the APA, Assignor and Purchaser desire to correct those errors by replacing the Original Patent Assignment with this Assignment.

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and convey to Purchaser and its successors and assigns all right, title and interest that may exist today and in the future to any and all:

- 1. Patents;
- 2. foreign counterparts to any of the items listed in (1) of this Assignment, including utility models, inventors' certificates, industrial design protection and any other form of governmental grants or issuances for the protection of inventions, designs or discoveries;
- 3. inventions, invention disclosures, designs and discoveries described in the items listed in (1) and (2) of this Assignment;
- 4. patents that issue from any of the items listed in (1) through (3) of this Assignment;
- 5. claims, causes of action and enforcement rights of any kind, whether currently pending, filed or otherwise, and whether known or unknown, under or arising from any of the items listed in (1) through (4) of this Assignment, including all rights to pursue and collect damages, costs, injunctive relief and other remedies for past, current or future infringement of the Patents and including rights afforded under 35 U.S.C. § 154(d);
- 6. royalties, income and other payments due as of the Closing and thereafter under or arising from any of the items listed in (1) through (5) of this Assignment; and
- 7. rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protection, design patent protection and other governmental grants or issuances of any kind related to any of the items listed in (1) through (6) of this Assignment.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks and any other patent office to issue any and all patents, utility models or other governmental grants or issuances pertaining to any of the items assigned hereunder in the name of Purchaser.

This Assignment shall inure to the benefit of Purchaser and its successors, assigns and other legal representatives and is binding upon Assignor and its successors, assigns, heirs and legal representatives. This Assignment supersedes and replaces the Original Patent Assignment in its entirety.

Assignor, by its duly authorized representative, has executed this Assignment on the date set forth below.

DATE: April 19, 2012

REALNETWORKS, INC

By: Michael Lunsford
Printed/Typed Name

Title: Executive Vice President

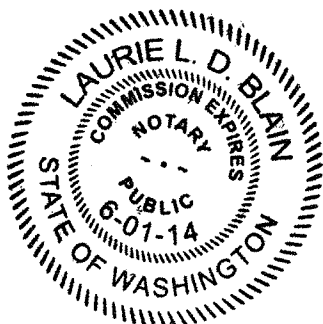
[Signature]
Signature

STATE OF WASHINGTON)

COUNTY OF KING) ss.

On this 19th day of April, 2012, personally appeared before me, Michael Lunsford to me known and known to me to be the person aforesaid, who duly acknowledged the signing of the foregoing instrument to be his or her voluntary act and deed, and as Exec. VP of RealNetworks did execute the same for the uses and purposes therein set forth.

WITNESS my hand and official seal.
(Seal)



[Signature]
Notary Public in and for the state of Washington
Laurie L.D. Blain
Print Name

My appointment expires on: 6-1-2014.

Schedule 1

Patents

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Part 1: Patent Assets

RN	Title	Juris.	Serial number	Filing date	Priority Date	Priority App.	Publication number	Publication date	Patent number	Issue date
RN010d1	SYSTEM AND METHOD OF ORGANIZING AND EDITING METADATA	US	13092094	2011/04/21	2000/05/22	09575403	US 2011-0218983 A1	2011/09/08		
RN012	SYSTEM AND METHOD FOR CONCEALING ERRORS IN AN AUDIO TRANSMISSION	US	9300797	1999/04/27					6597961	2003/07/22
RN013	SYSTEM AND METHOD FOR CROSS-FADING BETWEEN AUDIO STREAMS	US	9300798	1999/04/27					7302396	2007/11/27
RN014	SYSTEM AND METHOD OF PROVIDING FOR THE CONTROL OF A MUSIC PLAYER TO A DEVICE DRIVER	US	9577257	2000/05/22					7237198	2007/06/26
RN014c2	SYSTEM AND METHOD OF PROVIDING FOR THE CONTROL OF A MUSIC PLAYER TO A DEVICE DRIVER	US	13013679	2011/01/25	2000/05/22	09577257	US 2011-0154202 A1	2011/06/23		
RN015c1	SYSTEM AND METHOD FOR GENERATING MULTIPLE SYNCHRONIZED ENCODED REPRESENTATIONS OF MEDIA DATA	US	11022474	2004/12/22	1999/04/27	09300139	US 2005-0123058 A1	2005/06/09	7885340	2011/02/08
RN016	SYSTEM AND METHOD FOR PROVIDING UPDATE INFORMATION	US	9318755	1999/05/25					6996627	2006/02/07
RN016c1	SYSTEM AND METHOD FOR PROVIDING UPDATE INFORMATION	US	11344584	2006/01/30	1999/05/25	09318755	US 2006-0206607 A1	2006/09/14	7650423	2010/01/19
RN016c2	SYSTEM AND METHOD FOR PROVIDING UPDATE INFORMATION	US	12647219	2009/12/24	2006/01/30	11344584	US 2010-0121983 A1	2010/05/13		
RN017	SYSTEM AND METHOD FOR UPDATING INFORMATION VIA A NETWORK	US	9318438	1999/05/25					7062765	2006/06/13
RN017c1	SYSTEM AND METHOD FOR UPDATING INFORMATION VIA A NETWORK	US	11419700	2006/05/22	1999/05/25	09318438	US 2006-0265471 A1	2006/11/23	7844963	2010/11/30
RN018	SYSTEM AND METHOD FOR GENERATING VIDEO FRAMES AND CORRECTING MOTION	US	9345577	1999/06/30					6760378	2004/07/06
RN018c1	SYSTEM AND METHOD FOR GENERATING VIDEO FRAMES AND CORRECTING MOTION	US	10838991	2004/05/04	1999/06/30	09345577	US 2004-0208246 A1	2004/10/21	7738562	2010/06/15
RN019	SYSTEM AND METHOD FOR GENERATING VIDEO FRAMES AND POST FILTERING	US	9345584	1999/06/30					6753865	2004/06/22
RN020	SYSTEM AND METHOD FOR GENERATING VIDEO FRAMES	US	9345686	1999/06/30					6731818	2004/05/04
RN020de	SYSTEM AND METHOD FOR GENERATING VIDEO FRAMES	Germany	10084783.8	2000/06/30						

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RN	Title	Juris.	Serial number	Filing date	Priority Date	Priority App.	Publication number	Publication date	Patent number	Issue date
RN020uk	SYSTEM AND METHOD FOR GENERATING VIDEO FRAMES	GB	130614.1	2000/05/30	1999/06/30	WO2000US18390 20000630; US19990345686	19990630		2368744	2003/12/24
RN021	SYSTEM AND METHOD FOR GENERATING VIDEO FRAMES AND DETECTING TEXT	US	9345576	1999/06/30					6735338	2004/05/11
RN022	SYSTEM AND METHOD FOR PLAY WHILE RECORDING PROCESSING	US	9549988	2000/04/14					6937814	2005/08/30
RN022c1	SYSTEM AND METHOD FOR PLAY WHILE RECORDING PROCESSING	US	11175622	2005/07/05	2000/04/14	09549988	US 2005-0244134 A1	2005/11/03	7925137	2011/04/12
RN022c1d1	SYSTEM AND METHOD FOR PLAY WHILE RECORDING PROCESSING	US	13042180	2011/03/07	2000/04/14	09549988	US 2011-0150418 A1	2011/06/23		
RN022UK	SYSTEM AND METHOD FOR PLAY WHILE RECORDING PROCESSING	GB	226072.7							
RN024	SYSTEM AND METHOD OF TRANSMITTING DATA PACKETS	US	9454870	1999/12/03					6889257	2005/05/03
RN024c1	SYSTEM AND METHOD OF TRANSMITTING DATA PACKETS	US	11108980	2005/04/19	1999/12/03	09454870	US 2005-0188099 A1	2005/08/25	7451228	2008/11/11
RN024uk	SYSTEM AND METHOD OF TRANSMITTING DATA PACKETS	GB	215391.4	2000/11/29	1999/12/03	09454870			2376148	2004/02/25
RN025	SYSTEM AND METHOD FOR DETERMINING NETWORK CONDITIONS	US	9246506	1999/02/08					6731600	2004/05/04
RN025c1	SYSTEM AND METHOD FOR DETERMINING NETWORK CONDITIONS	US	10800535	2004/03/15					7948906	2011/05/24
RN025c2	SYSTEM AND METHOD FOR DETERMINING NETWORK CONDITIONS	US	12965750	2010/12/10	1999/02/08	09246506	US 2011-0080840 A1	2011/04/07		
RN026	SYSTEM AND METHOD FOR PROVIDING RANDOM ACCESS TO A MULTIMEDIA OBJECT OVER A NETWORK	US	9167521	1998/10/06					6314466	2001/11/06
RN026d1	SYSTEM AND METHOD FOR PROVIDING RANDOM ACCESS TO A MULTIMEDIA OBJECT OVER A NETWORK	US	9966375	2001/09/27	1998/10/06	09167521		2002/03/07	6633918	2003/10/14
RN026d2	SYSTEM AND METHOD FOR PROVIDING RANDOM ACCESS TO A MULTIMEDIA OBJECT OVER A NETWORK	US	10646933	2003/08/22	1998/10/06	09167521	US 2004-0046790 A1	2004/03/11	7284065	2007/10/16
RN026d3	System and method for providing random access to a multimedia object over a network	US	11975364	2007/10/16	1998/10/06	09167521	US 2008-0215746 A1	2008/09/04		

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RN	Title	Juris.	Serial number	Filing date	Priority Date	Priority App.	Publication number	Publication date	Patent number	Issue date
RN027	A SYSTEM AND METHOD FOR REGULATING THE TRANSMISSION OF MEDIA DATA	US	9175208	1998/10/19					6487663	2002/11/26
RN027c1	SYSTEM AND METHOD FOR REGULATING THE TRANSMISSION OF MEDIA DATA	US	10189854	2002/07/03	1998/10/19	09175208			6671807	2003/12/30
RN027c2	SYSTEM AND METHOD FOR REGULATING THE TRANSMISSION OF MEDIA DATA	US	10690736	2003/10/21	1998/10/19	09175208			6934837	2005/08/23
RN027c4	SYSTEM AND METHOD FOR REGULATING THE TRANSMISSION OF MEDIA DATA	US	11881693	2007/07/26	1998/10/19	09175208			7930561	2011/04/19
RN028	SYSTEM AND METHOD OF MANAGING METADATA DATA	US	9549986	2000/04/14					6760721	2004/07/06
RN028re	SYSTEM AND METHOD OF MANAGING METADATA DATA	US	11452187	2006/06/12	2000/04/14	09549986			RE42101	2011/02/01
RN028reD1	SYSTEM AND METHOD OF MANAGING METADATA DATA	US	12547341	2009/08/25	2000/04/14	09549986				
RN029	METHOD AND APPARATUS FOR RECOMMENDING SELECTIONS BASED ON PREFERENCES IN A MULTI-USER SYSTEM	US	8119793	1993/09/09					5583763	1996/12/10
RN029c2	METHOD AND APPARATUS FOR RECOMMENDING SELECTIONS BASED ON PREFERENCES IN A MULTI-USER SYSTEM	US	9874563	2001/06/05	1993/09/09	08119793	US 2001-0053994 A1	2001/12/20	7050988	2006/05/23
RN029c3	METHOD AND APPARATUS FOR RECOMMENDING SELECTIONS BASED ON PREFERENCES IN A MULTI-USER SYSTEM	US	11383734	2006/05/16	1993/09/09	08119793	US 2006-0265369 A1	2006/11/23	7461055	2008/12/02
RN030	AUDIO-ON-DEMAND COMMUNICATION SYSTEM	US	8347582	1994/11/30					5793980	1998/08/11
RN030c1	AUDIO-ON-DEMAND COMMUNICATION SYSTEM	US	9042172	1998/03/13	1994/11/30	08347582			6151634	2000/11/21
RN030c2	A MULTIMEDIA COMMUNICATIONS SYSTEM AND METHOD FOR PROVIDING AUDIO ON DEMAND TO SUBSCRIBERS	US	9237099	1999/01/25	1994/11/30	08347582			6985932	2006/01/10
RN030c3	AUDIO-ON-DEMAND COMMUNICATION SYSTEM	US	11422305	2006/06/05	1994/11/30	08347582	US 2006-0271989 A1	2006/11/30	7500011	2009/03/03
RN030c4	AUDIO-ON-DEMAND COMMUNICATION SYSTEM	US	12368871	2009/02/10	1994/11/30	08347582	US 2009-0144781 A1	2009/06/04	8131869	2012/03/06
RN030c5										
RN030c6	AUDIO-ON-DEMAND COMMUNICATION SYSTEM	US	9971954	2001/10/04	1994/11/30	08347582			7349976	2008/03/25

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RN	Title	Juris.	Serial number	Filing date	Priority Date	Priority App.	Publication number	Publication date	Patent number	Issue date
RN030c7	AUDIO ON-DEMAND COMMUNICATION SYSTEM	US	13309454	2011/12/01	1994/11/30	08347582				
RN030d1	AUDIO-ON DEMAND COMMUNICATION SYSTEM	US	9568525	2000/05/09	1994/11/30	08347582			7464175	2008/12/09
RN034	ERROR MITIGATION AND CORRECTION IN THE DELIVERY OF ON DEMAND AUDIO	US	8631846	1996/04/12					5917835	1999/06/29
RN035	METHOD AND APPARATUS FOR PERFORMING FAST DISCRETE COSINE TRANSFORMS AND FAST INVERSE DISCRETE COSINE TRANSFORMS USING LOOK-UP TABLES	US	8125590	1993/09/23					6112219	2000/08/29
RN036	PARALLEL PROCESSING OF DIGITAL SIGNALS IN A SINGLE ARITHMETIC/LOGIC UNIT	US	8172323	1993/12/22					5689592	1997/11/18
RN037	COMPUTER TELECONFERENCING METHOD AND APPARATUS	US	8242271	1994/05/13					5587928	1996/12/24
RN038	METHOD AND APPARATUS FOR APPLYING GAMMA PREDISTORTION TO A COLOR IMAGE SIGNAL	US	8332122	1994/10/31					5565931	1996/10/15
RN041	IMAGE SIGNAL CODER OPERATING AT REDUCED SPATIAL RESOLUTION	US	8504631	1995/06/07					5854858	1998/12/29
RN041d1	IMAGE SIGNAL CODER OPERATING AT REDUCED SPATIAL RESOLUTION	US	8986841		1995/06/07	08504631			5917954	1999/06/29
RN042	METHOD AND APPARATUS FOR ENHANCING IMAGES USING HELPER SIGNALS	US	8480169	1995/06/07					5818972	1998/10/06
RN044	WATERMARKING METHOD AND APPARATUS FOR COMPRESSED DIGITAL VIDEO	US	8710246	1996/09/13					5809139	1998/09/15
RN045	METHOD AND APPARATUS FOR PROVIDING SCALABLE PRE-COMPRESSED DIGITAL VIDEO WITH REDUCED QUANTIZATION BASED ARTIFACTS	US	9177406	1998/10/23	1996/11/27	08753618			6480541	2002/11/12
RN045c1	METHOD AND APPARATUS FOR PROVIDING SCALABLE PRE-COMPRESSED DIGITAL VIDEO WITH REDUCED QUANTIZATION BASED ARTIFACTS	US	10292257	2002/11/12	1996/11/27	08753618		2003/04/17	7075986	2006/07/11

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RN047	METHOD AND APPARATUS FOR PERFORMING FAST REDUCED COEFFICIENT DISCRETE COSINE TRANSFORMS	US	8332535	1994/10/31					5712809	1998/01/27
RN047d1	METHOD AND APPARATUS FOR PERFORMING FAST REDUCED COEFFICIENT DISCRETE COSINE TRANSFORMS	US	8940191	1997/09/29	1994/10/31	08332535			5822003	1998/10/13
RN048	FAST INVERSE DISCRETE TRANSFORM USING SUBWORDS FOR DECOMPRESSION OF INFORMATION	US	7911824	1992/07/10					5394349	1995/02/28
RN049	SYSTEM AND METHOD FOR CREATING AND DISPLAYING CLASSES OF GRAPHICAL DISPLAY OBJECTS	US	9576359	2000/05/22					7941756	2011/05/10
RN049d1	SYSTEM AND METHOD FOR CREATING AND DISPLAYING CLASSES OF GRAPHICAL DISPLAY OBJECTS	US	13078566	2011/04/01	2000/05/22	9576359				
RN050	SYSTEM AND METHOD FOR MANIPULATING COMPRESSED FILES	US	8714649	1996/09/16					5802520	1998/09/01
RN052c1	SYSTEM AND METHOD FOR SEAMLESSLY JOINING MULTICAST SESSION	US	11219531	2005/09/02	2000/10/12	09689428			7535903	2009/05/19
RN052c2	SYSTEM AND METHOD FOR SWITCHING FROM A UNICAST TO A MULTICAST DATA TRANSMISSION SESSION	US	12427549	2009/04/21	2000/10/12	09689428	US 2009-0201929 A1	2009/08/13	7920562	2011/04/05
RN053	SYSTEM AND METHOD FOR INTRACODING VIDEO DATA	US	9732522	2000/12/06					6765964	2004/07/20
RN053c1	SYSTEM AND METHOD FOR INTRACODING VIDEO DATA	US	10848992	2004/05/18	2000/12/06	09732522			7706444	2010/04/27
RN053c2	SYSTEM AND METHOD FOR INTRACODING AND DECODING VIDEO DATA	US	12767744	2010/04/26	2000/12/06	09732522	US 2010-0296578 A1	2010/11/25		
RN054	VIDEO COMPRESSION AND DECOMPRESSION SYSTEM WITH POSTFILTER TO FILTER CODING ARTIFACTS	US	9731474	2000/12/06					7054500	2006/05/30
RN055	SYSTEMS AND METHODS FOR VIDEO COMPRESSION	US	9865037	2001/10/01					7123656	2006/10/17
RN056	AUTOMATED INVERSE TELECINE CONVERSION	US	9732217	2000/12/06					6724433	2004/04/20
RN056c1	AUTOMATED INVERSE TELECINE CONVERSION	US	10806597	2004/03/23	2000/12/06	09732217			7369179	2008/05/06
RN056c2	AUTOMATED INVERSE TELECINE CONVERSION	US	12080528	2008/04/02	2000/12/06	09732217	US 2008-0211965 A1	2008/09/04	7898599	2011/03/01

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RN	Title	Juris.	Serial number	Filing date	Priority Date	Priority App.	Publication number	Publication date	Patent number	Issue date
RN058	Systems and methods for creating self-extracting files	US	9818134	2001/03/27			US 2002-0143792 A1	2002/10/03		
RN059	SYSTEMS AND METHODS FOR MULTIPLE-FILE DATA COMPRESSION	US	9754983	2001/01/05	2000/01/05	60174518	US 2002-0033762 A1	2002/03/21	6522268	2003/02/18
RN062	INSTRUCTION/DATA PROTECTION EMPLOYING DERIVED OBSCURING INSTRUCTION/DATA	US	9552951	2000/04/20					7000119	2006/02/14
RN065	SCALABLE AND EXTENSIBLE SECURE RENDERING OF DIGITAL CONTENT	US	10075471	2002/02/13			US 2003-0154391 A1	2003/08/14	7636860	2009/12/22
RN065c1	SCALABLE AND EXTENSIBLE SECURE RENDERING OF DIGITAL CONTENT	US	12625383	2009/11/24	2002/02/13	10075471	US 2010-0131776 A1	2010/05/27	7636860	2009/12/22
RN068	Method and apparatus for software delivery and management	US	10105072	2002/03/20			US 2003-0181242 A1	2003/09/25		
RN072c1	SYSTEMS AND METHODS FOR DYNAMIC ACCESS TO PROGRAM FEATURES	US	12962450	2010/12/07	2002/06/26	10185526	US 2011-0138445 A1	2011/06/09		
RN073c1	SYSTEM AND METHOD FOR PROVIDING INTEGRATED MEDIA	US	12719680	2010/03/08	2002/09/23	60413160	US 2010-0169464 A1	2010/07/01		
RN074	LICENSING DIGITAL CONTENT USE	US	10608278	2003/06/27					7748030	2010/06/29
RN076	Systems and method for providing targeted message in a media player	US	10303492	2002/11/20	2002/08/30	60408209	US 2004-0044569 A1	2004/03/04		
RN077	METHOD AND APPARATUS FOR DYNAMIC DATA-TYPE MANAGEMENT	US	10253397	2002/09/23			US 2004-0059776 A1	2004/03/25	7263688	2007/08/28
RN078	METHOD AND APPARATUS FOR RESIZING VIDEO CONTENT DISPLAYED WITHIN A GRAPHICAL USER INTERFACE	US	10211990	2002/08/01			US 2004-0025112 A1	2004/02/05	7549127	2009/06/16
RN079	METHOD AND APPARATUS FOR PRESERVING MATRIX SURROUND INFORMATION IN ENCODED AUDIO/VIDEO	US	10295582	2002/11/14	2002/04/23	60375289	US 2003-0231774 A1	2003/12/18	7428440	2008/09/23
RN079c1	PRESERVING MATRIX SURROUND INFORMATION IN ENCODED AUDIO/VIDEO SYSTEM AND METHOD	US	12235504	2008/09/22	2002/04/23	60375289	US 2009-0041256 A1	2009/02/12		
RN079EP	Method for preserving matrix surround information in encoded audio/video	EP	03731046.3	2003/04/22						

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RN	Title	Juris.	Serial number	Filing date	Priority Date	Priority App.	Publication number	Publication date	Patent number	Issue date
RN079HK	METHOD AND APPARATUS FOR PRESERVING MATRIX SURROUND INFORMATION IN ENCODED AUDIO/VIDEO	Hong Kong	05102483.5	2005/03/22						
RN080	METHOD AND APPARATUS FOR DISTRIBUTING BINARY PRESENTATIONS WITHIN DIGITAL MEDIA CONTENT FILES	US	10302670	2002/11/22			US 2004-0103207 A1	2004/05/27	7849159	2010/12/07
RN082	METHOD AND SYSTEM OF DYNAMIC TRANSFORMATION OF ENCRYPTED MATERIAL	US	8935955	1997/09/23					5991402	1999/11/23
RN082ca	METHOD AND SYSTEM OF DYNAMIC TRANSFORMATION OF ENCRYPTED MATERIAL	Canada	2303049	2000/03/10					2303049	2008/01/29
RN082cn	METHOD AND SYSTEM OF DYNAMIC TRANSFORMATION OF ENCRYPTED MATERIAL	China	98811446.1	1998/09/21					ZL98811446.1	2006/10/25
RN082de	METHOD AND SYSTEM OF DYNAMIC TRANSFORMATION OF ENCRYPTED MATERIAL	Germany	98947171.9	1998/09/21					1018237	2009/11/25
RN082ep	METHOD AND SYSTEM OF DYNAMIC TRANSFORMATION OF ENCRYPTED MATERIAL	EP	98947171.9	1998/09/21					1018237	2009/11/25
RN082fr	METHOD AND SYSTEM OF DYNAMIC TRANSFORMATION OF ENCRYPTED MATERIAL	France	98947171.9	1998/09/21					1018237	2009/11/25
RN082gb	METHOD AND SYSTEM OF DYNAMIC TRANSFORMATION OF ENCRYPTED MATERIAL	GB	98947171.9	1998/09/21					1018237	2009/11/25
RN082jp	METHOD AND SYSTEM OF DYNAMIC TRANSFORMATION OF ENCRYPTED MATERIAL	Japan	2000-513380	1998/09/21					4309042	2009/05/15
RN082JPd1	METHOD AND SYSTEM OF DYNAMIC TRANSFORMATION OF ENCRYPTED MATERIAL	Japan	2008-070026	2008/03/18					JP4658156	2011/01/07
RN082kr	METHOD AND SYSTEM OF DYNAMIC TRANSFORMATION OF ENCRYPTED MATERIAL	Korea	10-2000-7003018	2000/03/22					609598	2006/07/29
RN083	AUTOMATIC DEINTERLACING AND INVERSE TELECINE	US	10340376	2003/01/10			US 2004-0135924 A1	2004/07/15	7154555	2006/12/26
RN083c1	AUTOMATIC DEINTERLACING AND INVERSE TELECINE	US	11541767	2006/10/02	2003/01/10	10340376	US 2007-0024703 A1	2007/02/01	7605866	2009/10/20
RN084	STOCHASTIC ADAPTIVE STREAMING OF CONTENT	US	10340105	2003/01/10			US 2004-0139215 A1	2004/07/15	6968387	2005/11/22
RN084cn	STOCHASTIC ADAPTIVE STREAMING OF CONTENT	China	480006041.6	2004/01/12					ZL200480006041.6	2009/03/04

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RN084EP	STOCHASTIC ADAPTIVE STREAMING OF CONTENT	EP	4701536.7	2004/01/12						
RN084jp	STOCHASTIC ADAPTIVE STREAMING OF CONTENT	Japan	2006-5009013	2005/06/11					4620041	
RN085	SYSTEMS AND METHODS FOR SELECTING BUFFERING TIME FOR MEDIA DATA	US	10354439	2003/01/29					7925770	2011/04/12
RN085c1	SYSTEMS AND METHODS FOR SELECTING BUFFERING TIME FOR MEDIA DATA	US	13043363	2011/03/08	2003/01/29	10354439	US 2011-0161493 A1	2011/06/30	8145783	2012/03/27
RN085c2		US	13425135	2012/03/20						
RN085d1	SYSTEMS AND METHODS FOR SELECTING BUFFERING TIME FOR MEDIA DATA	US	13041171	2011/03/04	2003/01/29	10354439	US 2011-0153860 A1	2011/06/23	8090865	2012/01/03
RN086c1	METHOD AND PROCESS FOR TRANSMITTING VIDEO CONTENT	US	10372025	2003/02/21	2003/01/31	10355970	US 2004-0153648 A1	2004/08/05	7302057	2007/11/27
RN087	Buffer management for streaming data	US	10323610	2002/12/18						
RN088	KEY BASED DECIIPHER INCLUDING ITS GENERATION, DISTRIBUTION AND USAGE	US	10377346	2003/02/27			US 2004-0190713 A1	2004/09/30	7263185	2007/08/28
RN089	SYSTEM AND METHOD FOR UNINTERRUPTED STREAMING	US	10793018	2004/03/03	2003/03/03	60451975			7925771	2011/04/12
RN089c1	SYSTEM AND METHOD FOR UNINTERRUPTED STREAMING	US	13048691	2011/04/21	2003/03/03	60451975	US 2011-0167169 A1			
RN090	SYSTEM AND METHOD FOR THE DISTRIBUTION OF SOFTWARE PRODUCTS	US	10390503	2003/03/13			US 2004-0181459 A1	2004/09/16	7668752	2010/02/23
RN090d1	SYSTEM AND METHOD FOR THE DISTRIBUTION OF SOFTWARE PRODUCTS	US	12710269	2010/02/22			US 2010-0153195 A1			
RN093UK	Multi-Purpose Video Surveillance	GB	524828.1	2004/05/06					GB2417636	2007/09/26
RN094	METHOD AND PROCESS FOR PRODUCING A SEQUENCE OF DATA REQUEST USER INTERFACES	US	10425562	2003/04/29			US 2004-0230909 A1	2004/11/18	7774235	2010/08/10
RN096	SYSTEMS AND METHODS FOR THE EFFICIENT READING OF DATA IN A SERVER SYSTEM	US	10418967	2003/04/17					7237061	2007/06/26
RN097	Digital audio signal compression method and apparatus	US	10826469	2004/04/16	2003/04/18	60464068	US 2004-0208169 A1	2004/10/21		

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RN099	CONTEXT-ADAPTIVE VLC VIDEO TRANSFORM COEFFICIENTS ENCODING/DECODING METHODS AND APPARATUSES	US	10232337	2002/08/30	2002/03/22	60367032	US 2003-0202601 A1	2003/10/30	7099387	2006/08/29
RN099cn	CONTEXT-ADAPTIVE VARIABLE LENGTH CODEWORD VLC VIDEO TRANSFORM COEFFICIENTS ENCODING AND DECODING METHODS AND APPARATUSES	China	03811582.4	2003/03/12					3811582.4	2010/01/15
RN099d1	CONTEXT-ADAPTIVE VLC VIDEO TRANSFORM COEFFICIENTS ENCODING/DECODING METHODS AND APPARATUSES	US	11467531	2006/08/25	2002/03/22	60367032	US 2007-0041449 A1	2007/02/22	7920629	2011/04/05
RN099ep	CONTEXT-ADAPTIVE VLC VIDEO TRANSFORM COEFFICIENTS ENCODING/DECODING METHODS AND APPARATUSES	EP	3745537.5	2003/03/12						
RN099jp	CONTEXT-ADAPTIVE VLC VIDEO TRANSFORM COEFFICIENTS ENCODING/DECODING METHODS AND APPARATUSES	Japan	2003-581508	2003/03/20					4515097	2010/05/21
RN099kr	CONTEXT-ADAPTIVE VLC VIDEO TRANSFORM COEFFICIENTS ENCODING/DECODING METHODS AND APPARATUSES	Korea	10-2004-7015033	2003/03/12					10-2004-7015033	2010/05/07
RN101	Method and apparatus for controlling access restrictions for media playback	US	10877955	2004/06/24	2003/06/24	60482424	US 2005-0038996 A1	2005/02/17		
RN102	MULTIPLE ENTITY CONTROL OF ACCESS RESTRICTIONS FOR MEDIA PLAYBACK	US	10877956	2004/06/24	2003/06/24	60482390	US 2005-0086683 A1	2005/04/21	7437769	2008/10/14
RN104	INTRA CODING VIDEO DATA METHODS AND APPARATUSES	US	10525164	2005/02/22	2000/12/06	09732522	US 2006-0056518 A1	2006/03/16	7606312	2009/10/20
RN104cn	INTRA CODING VIDEO DATA METHODS AND APPARATUSES	China	3820368.5	2003/06/12					3820368.5	2009/04/22
RN104cnd1	Apparatus and method for intra coding video	China	200910128919.8	2009/03/02						
RN104epd1	Apparatus for intra coding video	EP	6124547.8	2006/11/22						
RN104epd1gb										
RN104hk	INTRA CODING VIDEO DATA METHODS AND APPARATUSES	Hong Kong	6104095	2006/04/03					1082146	2009/12/18
RN104JP	INTRA CODING VIDEO DATA METHODS AND APPARATUSES	Japan	2004-562614	2003/06/12					4491349	2010/04/09

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RN104kr	INTRA CODING VIDEO DATA METHODS AND APPARATUSES	Korea	10-2005-7000286	2003/06/12	2003/06/12	PCT/US2003/018963	10-0952892		952892	2010/04/07
RN109	RIGHTS ENFORCEMENT AND USAGE REPORTING ON A CLIENT DEVICE	US	10719674	2003/11/21	2003/06/30	60484018	US 2005-0022025 A1	2005/01/27	7949877	2011/05/24
RN109c1	RIGHTS ENFORCEMENT AND USAGE REPORTING ON A CLIENT DEVICE	US	13092848	2011/04/22	2003/06/30	60484018	US 2011-0197078 A1			
RN110	AUDIO DELIVERY AND RENDERING METHOD AND APPARATUS	US	9505486	2000/02/16	1999/02/16	60120717			7099848	2006/08/29
RN110ep	Audio Synthesis using Digital Sampling of Coded Waveforms	EP	911842.3	2000/02/16					1155402	2006/08/30
RN110epD1	Audio Synthesis using Digital Sampling of Coded Waveforms	EP	6012366.8	2000/09/16						
RN110gb	Audio Synthesis using Digital Sampling of Coded Waveforms	GB	911842.3	2000/02/16					1155402	2006/08/30
RN110jp	Audio Synthesis using Digital Sampling of Coded Waveforms	Japan	2000-600,258	2000/02/16					4794047	2011/08/05
RN111	DIGITAL AUDIO AND VIDEO PLAYBACK WITH PERFORMANCE COMPLEMENT TESTING	US	10335041	2002/12/30	1999/01/22	60116906	US 2003-0105678 A1	2003/06/05	7020637	2006/03/28
RN112au	SYSTEM FOR DISTRIBUTED MEDIA NETWORK AND META DATA SERVER	Australia	2001233320	2001/02/05					2001233320	2009/06/25
RN112ca	SYSTEM FOR DISTRIBUTED MEDIA NETWORK AND META DATA SERVER	Canada	2399657	2000/12/08						
RN112cn	SYSTEM FOR DISTRIBUTED MEDIA NETWORK AND META DATA SERVER	China	1806572.4	2001/02/05					ZL 01806572.4	2007/11/07
RN112d1	SYSTEM FOR DISTRIBUTED MEDIA NETWORK AND META DATA SERVER	US	11751453	2007/05/21	2000/02/04	60180248	US 2007-0300222 A1	2007/12/27	7792787	2010/09/07
RN112ep	SYSTEM FOR DISTRIBUTED MEDIA NETWORK AND META DATA SERVER	EP	01905441	2001/02/05					EP1256225	2010/08/18
RN112hk	SYSTEM FOR DISTRIBUTED MEDIA NETWORK AND META DATA SERVER	Hong Kong	3102834.3	2001/02/05						
RN112JP	SYSTEM FOR DISTRIBUTED MEDIA NETWORK AND META DATA SERVER	Japan	2001-557289	2001/02/05						

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RN112KR	SYSTEM FOR DISTRIBUTED MEDIA NETWORK AND META DATA SERVER	Korea	10-2002-7010067	2001/02/05					831768	2008/05/16
RN113	Delivering media data to portable computing devices	US	10046933	2001/10/26	2000/02/16	09505486	US 2003-0018581 A1	2003/01/23		
RN113CA	Delivering media data to portable computing devices	Canada	2426958	2001/10/26						
RN113jp	Delivering media data to portable computing devices	Japan	2002-548951	2001/10/26					4298292	2009/04/24
RN114	GRAPHICAL USER INTERFACE WITH MOVEABLE, MERGEABLE ELEMENTS	US	9663296	2000/09/15	1999/09/15	60153993			6857106	2005/02/15
RN114C1	DYNAMIC GRAPHIC USER INTERFACE	US	11039070	2005/01/19			US 2005-0270307 A1	2005/12/08	7818687	2010/10/19
RN115	SCHEDULED RETRIEVAL, STORAGE AND ACCESS OF MEDIA DATA	US	9733698	2000/12/08	1999/12/08	60169587	US 2002-0019990 A1	2002/02/14	7565675	2009/07/21
RN115c1	SCHEDULED RETRIEVAL, STORAGE AND ACCESS OF MEDIA DATA	US	12414544	2009/03/30	1999/12/08	60169587	US 2009-0183212 A1	2009/07/16	7721314	2010/05/18
RN115c2	SCHEDULED RETRIEVAL, STORAGE AND ACCESS OF MEDIA DATA	US	12768660	2010/04/27	1999/12/08	60169587	US 2010-0268898 A1	2010/10/21		
RN115CA	SCHEDULED RETRIEVAL, STORAGE AND ACCESS OF MEDIA DATA	Canada	2393824	2000/10/08						
RN115EP	SCHEDULED RETRIEVAL, STORAGE AND ACCESS OF MEDIA DATA	EP	00989238.1	2000/12/08						
RN115HK	SCHEDULED RETRIEVAL, STORAGE AND ACCESS OF MEDIA DATA	Hong Kong	3101064.6	2000/12/08						
RN115KR	SCHEDULED RETRIEVAL, STORAGE AND ACCESS OF MEDIA DATA	Korea	10-2002-7007370	2000/12/08					782255	2007/11/28
RN117	DIGITAL AUDIO AND VIDEO PLAYBACK WITH PERFORMANCE COMPLEMENT TESTING	US	9488047	2000/01/20					6611813	2003/08/26
RN118	INTERACTIVE DELIVERY OF MEDIA USING DYNAMIC PLAYLIST GENERATION SUBJECT TO RESTRICTIVE CRITERIA	US	10021752	2001/10/29	2000/10/27	60244079			7689705	2010/03/30
RN118c1	INTERACTIVE DELIVERY OF MEDIA USING DYNAMIC PLAYLIST GENERATION SUBJECT TO RESTRICTIVE CRITERIA	US	12749177	2010/03/29	2000/10/27	60244079	US 2010-0241701 A1			
RN119	SUBSCRIPTION MANAGEMENT	US	10630372	2003/07/30			US 2005-0027545 A1	2005/02/03	7805315	2010/09/28
RN120	MEDIA SERVICE DELIVERY SYSTEM PROVIDING CONDITIONAL ACCESS TO MEDIA CONTENT FROM VARIOUS CLIENT DEVICES	US	10786891	2004/02/24	2003/02/24	60450119	US 2004-0261093 A1	2004/12/23	8131865	2012/03/06

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RN120hk	MEDIA SERVICE DELIVERY SYSTEM PROVIDING CONDITIONAL ACCESS TO MEDIA CONTENT FROM VARIOUS CLIENT DEVICES	Hong Kong	6105939.7	2004/02/24					1089249	2006/05/23
RN120UK	MEDIA SERVICE DELIVERY SYSTEM PROVIDING CONDITIONAL ACCESS TO MEDIA CONTENT FROM VARIOUS CLIENT DEVICES	GB	517229.1	2004/02/24					GB2414320	2007/08/22
RN121	PARALLEL VIDEO DECODING	US	10656537	2003/09/05			US 2005-0053157 A1	2005/03/10	7627039	2009/12/01
RN126	DIGITAL RIGHTS MANAGEMENT HANDLER AND RELATED METHODS	US	10660302	2003/09/10					7681035	2010/03/16
RN126c1	DIGITAL RIGHTS MANAGEMENT HANDLER AND RELATED METHODS	US	12725298	2010/03/16			US 2010-0235631 A1			
RN129	Devices and related methods for facilitating consumer access to protected digital content	US	11009539	2004/12/10	2003/12/12	60529193				
RN131	SYSTEM AND METHOD FOR DISTRIBUTING PROTECTED AUDIO CONTENT ON OPTICAL MEDIA	US	10659985	2003/09/10					7685646	2010/03/23
RN132	METHOD AND APPARATUS FOR BUFFERING STREAMING MEDIA	US	10736452	2004/12/14			US 2005-0132417 A1	2005/06/16	7558806	2009/07/07
RN132GB	METHOD AND APPARATUS FOR BUFFERING STREAMING MEDIA	GB	611856.6	2004/12/14					GB2424299	2007/08/22
RN139	CERTIFICATE BASED DIGITAL RIGHTS MANAGEMENT	US	10736451	2003/12/14			US 2005-0132209 A1	2005/06/16	7185195	2007/02/27
RN139c1	CERTIFICATE BASED DIGITAL RIGHTS MANAGEMENT	US	11710873	2007/02/26	2003/12/14	10736451	US 2007-0226489 A1	2007/09/27	7930764	2011/04/19
RN139DE	CERTIFICATE BASED DIGITAL RIGHTS MANAGEMENT	Germany	11 2004 002 470.6	2004/12/14					112004002470.6	2010/12/30
RN139GB	CERTIFICATE BASED DIGITAL RIGHTS MANAGEMENT	GB	611855.8	2004/12/14					2425383	2007/05/15
RN140	DIGITAL RIGHTS MANAGEMENT FOR CONTENT RENDERING ON PLAYBACK DEVICES	US	10719981	2003/11/21			US 2005-0114896 A1	2005/05/26	7882034	2011/02/01
RN140GB	DIGITAL RIGHTS MANAGEMENT FOR CONTENT RENDERING ON PLAYBACK DEVICES	GB	609943.6	2004/11/11					2423393	2008/07/08
RN141	AUTO-NEGOTIATION OF CONTENT OUTPUT FORMATS USING A SECURE COMPONENT MODEL	US	10736219	2003/12/14			US 2005-0132208 A1	2005/06/16	7721111	2010/05/18

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RN141c1	AUTO-NEGOTIATION OF CONTENT FORMATS USING A SECURE COMPONENT MODEL	US	12767727	2010/04/26	2003/12/14	10736219	US 2010-0268965 A1	2010/10/21		
RN143	Event scheduling	US	10762218	2004/01/21			US 2005-0160367 A1	2005/07/21		
RN145	High frequency emphasis in decoding of encoded signals	US	10988873	2004/11/15	2003/11/14	60520163	US 2005-0105622 A1	2005/05/19		
RN146	DIGITAL AUDIO SIGNAL COMPRESSION METHOD AND APPARATUS	US	10988807	2004/11/15	2003/04/18	60464068	US 2005-0063368 A1	2005/03/24	7742926	2010/06/22
RN146c1	DIGITAL AUDIO SIGNAL COMPRESSION METHOD AND APPARATUS	US	12786358	2010/05/24	2003/04/18	60464068	US 2010-0235174 A1	2010/09/16		
RN147	COMPACT SIGNAL CODING METHOD AND APPARATUS	US	10964856	2004/10/13	2003/10/13	60511155	US 2005-0080829 A1	2005/04/14	7519520	2009/04/14
RN149	DATA COMPILATION SYSTEM AND METHOD	US	11112021	2005/04/22			US 2006-0241955 A1	2006/10/26	7617296	2009/11/10
RN151	Playlist compilation system and method	US	11112441	2005/04/22			US 2006-0242106 A1	2006/10/26		
RN152	PROVIDING SUBSCRIBED MEDIA CONTENT TO PORTABLE MEDIA PLAYER DEVICES ASSOCIATED WITH SUBSCRIBERS	US	11618726	2006/12/29	2005/12/29	60754840	US 2008-0046262 A1	2008/02/21		
RN154	CONTEXT-ADAPTIVE MACROBLOCK TYPE ENCODING/DECODING METHODS AND APPARATUSES	US	10508597	2004/09/21	2002/03/22	60366835	US 2005-0147160 A1	2005/07/07	7978765	2011/07/12
RN155	System and method for obtaining and sharing media content	US	11242223	2005/10/03	2003/11/21	10719981	US 2006-0085351 A1	2006/04/20		
RN155ep	System and method for obtaining and sharing media content	EP	06816099.3	2008/05/03						
RN155jp	System and method for obtaining and sharing media content	Japan	2008-534620							
RN155kr	System and method for obtaining and sharing media content	Korea	10-2008-7010636	2008/05/01						
RN156	System and method for caching data	US	11242339	2005/10/03	2003/11/21	10719981	US 2006-0085349 A1	2006/04/20		
RN156ep	System and method for caching data	EP	06816048.0	2008/04/24						
RN156jp	System and method for caching data	Japan	2008-534605							
RN156kr	System and method for caching data	Korea	10-2008-7010637	2008/05/01			10-2008-0067335			
RN157	SYSTEM AND METHOD FOR SUPPLEMENTING A RADIO PLAYLIST WITH LOCAL CONTENT	US	11242315	2005/10/03			US 2007-0079352 A1	2007/04/05	7793823	2010/09/14
RN158	System and method for relicensing content	US	11242341	2005/10/03	2003/11/21	10719981	US 2006-0085352 A1	2006/04/20		
RN159	System and method for relicensing content	US	11322717	2005/12/30	2003/11/21	10719981	US 2006-0259436 A1	2006/11/16		

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RN161	System and method for enabling an action	US	11322314	2005/12/30	2003/11/21	10719981	US 2006-0259429 A1	2006/11/16		
RN162	System and method for automatically transferring dynamically changing content	US	11322720	2005/12/30	2003/11/21	10719981	US 2006-0265329 A1	2006/11/23		
RN163	System and method for generating homogeneous metadata from pre-existing metadata	US	11397301	2006/03/29	2005/10/03	11242315	US 2007-0078885 A1	2007/04/05		
RN166	License confirmation via embedded confirmation challenge	US	11110303	2005/04/19			US 2006-0235802 A1	2006/10/19		
RN167	System and method for transferring playlists	US	11501169	2006/08/07	2005/08/05	60705747	US 2007-0073727 A1	2007/03/29		
RN168	System and method for updating profiles	US	11501200	2006/08/07	2005/08/05	60705747	US 2007-0067309 A1	2007/03/22		
RN174	System and method for automatically managing media content	US	11501173	2006/08/07	2005/08/05	60705747	US 2007-0073728 A1	2007/03/29		
RN180	System and method for sharing personas	US	11500577	2006/08/07	2005/08/05	60705747	US 2007-0073725 A1	2007/03/29		
RN182c1	PERSONAL MEDIA DEVICE	US	13099115	2011/05/02	2006/08/07	11501202	US 2011-0231572 A1	2011/09/22		
RN198	SYSTEM AND METHOD FOR RENDERING MULTIPLE USER INTERFACES	US	11624977	2007/01/19			US 2008-0178112 A1	2008/07/24		
RN202	Method and apparatus for generating application programs for multiple hardware and/or software platforms	US	11265784	2005/11/01	2005/08/18	60711039	US 2007-0174818 A1	2007/07/26		
RN210	Systems and methods for controlling streaming data	US	11444983	2006/06/01						
RN213	Systems and methods for providing notification of streaming data	US	11444982	2006/06/01						
RN218	COLLABORATIVE PLAYLIST SYSTEM AND METHOD	US	11672741	2007/02/08			US 2008-0195239 A1	2008/08/14		
RN219	SYSTEM AND METHOD FOR AUTOMATICALLY GENERATING A RESULT SET	US	11506456	2006/08/18			US 2008-0046408 A1	2008/02/21	7788249	2010/08/31
RN219c1	SYSTEM AND METHOD FOR OFFERING COMPLEMENTARY PRODUCTS / SERVICES	US	11619061	2007/01/02	2006/08/18	11506456	US 2008-0046332 A1	2008/02/21	8055639	2011/11/08

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RN219c2	SYSTEM AND METHOD FOR GENERATING REFERRAL FEES	US	11619042	2007/01/02	2006/08/18	11506456	US 2008-0046318 A1	2008/02/21	7711725	2010/05/04
RN224	SYSTEM AND METHOD FOR LOCATING AND CAPTURING DESIRED MEDIA CONTENT FROM MEDIA BROADCASTS	US	10046341	2001/10/29	2000/10/27	60244014			7987280	2011/07/26
RN224c1	SYSTEM AND METHOD FOR LOCATING AND CAPTURING DESIRED MEDIA CONTENT FROM MEDIA BROADCASTS	US	13161409	2011/04/22	2000/10/27	60244014	US 2011-0246649 A1	2011/10/06		
RN225	Systems and methods for streaming data	US	11541780	2006/10/02						
RN227	SYSTEM AND/OR METHOD FOR ADJUSTING FOR INPUT LATENCY IN A HANDHELD DEVICE	US	11450154	2006/06/09	2005/08/18	60711039	US 2007-0087836 A1	2007/04/19	7982739	1996/08/06
RN227c1	APPARATUS AND METHOD FOR ADJUSTING FOR INPUT LATENCY IN AN ELECTRONIC DEVICE	US	13183586	2011/07/15	2005/08/18	60711039	US 2011-0270426 A1	2011/11/03	8134559	2012/03/13
RN227c2	APPARATUS AND METHOD FOR ADJUSTING FOR INPUT LATENCY IN AN ELECTRONIC DEVICE	US	13414572	2012/03/07	2005/08/18	60711039				
RN229EP	SYSTEM AND METHOD FOR PRE-LOADING PERSONAL MEDIA DEVICE CONTENT	EP	6789425.3	2006/08/07						
RN233o1	Advanced Watermarking System and Method	US	12193709	2008/08/18	2007/08/17	60956545	US 2009-0070587 A1	2009/03/12		
RN233o2	ADVANCED WATERMARKING SYSTEM AND METHOD	US	12300980	2008/08/18	2007/08/17	60956545	US 2010-0226523 A1	2010/09/09		
RN233o3	Advanced Multi-Channel Watermarking System and Method	US	12193703	2008/08/18	2007/08/17	60956545	US 2009-0074185 A1	2009/03/19		
RN233x	ADVANCED MULTI-CHANNEL WATERMARKING SYSTEM AND METHOD	US	12300566	2010/05/26	2007/08/17	60956545	US 2010-0246810 A1	2010/09/30		
RN234	WEB MEDIA ASSET IDENTIFICATION SYSTEM AND METHOD	US	11756588	2007/05/31			US 2008-0301280 A1	2008/12/04	7890854	2011/02/15
RN234cn	WEB MEDIA ASSET IDENTIFICATION SYSTEM AND METHOD	China	200880018199.3	2008/05/30	2008/05/30	PCT/US2008/065337	101682512	2010/03/24		
RN234d1	WEB MEDIA ASSET ID SYSTEM AND METHOD	US	13026960	2011/02/14	2007/05/31	11756588	US 2011-0173523 A1	2011/07/14		
RN234ep	WEB MEDIA ASSET IDENTIFICATION SYSTEM AND METHOD	EP	8831649.2	2009/11/13						
RN234jp	WEB MEDIA ASSET IDENTIFICATION SYSTEM AND METHOD	Japan	2010-510522	2010/05/30						

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RN234kr	WEB MEDIA ASSET IDENTIFICATION SYSTEM AND METHOD	Korea	10-2009-7023822	2009/11/16	2008/05/30	PCT/US2008/065337	KR20100029077	2010/03/15		
RN235	SYSTEM AND METHOD FOR COMBINING MEDIA DATA	US	11829672	2007/07/27			US 2009-0028188 A1	2009/01/29	8027365	2011/09/27
RN235cn	SYSTEM AND METHOD FOR COMBINING MEDIA DATA	China	2008-80107442.9	2008/07/23						
RN235ep	SYSTEM AND METHOD FOR COMBINING MEDIA DATA	EP	08782237.5	2008/07/23	2007/07/27	11829672				
RN235in	SYSTEM AND METHOD FOR COMBINING MEDIA DATA	India	227/KOLNP/2010	2008/07/23						
RN235jp	SYSTEM AND METHOD FOR COMBINING MEDIA DATA	Japan	2010-518350							
RN235kr	SYSTEM AND METHOD FOR COMBINING MEDIA DATA	Korea	10-2010-7004091	2010/02/24						
RN236	SYSTEM AND METHOD FOR DISTRIBUTING MEDIA DATA	US	11829616	2007/07/27			US 2009-0031007 A1	2009/01/29	7694006	2010/04/06
RN236cn	SYSTEM AND METHOD FOR DISTRIBUTING MEDIA DATA	China	2008-80107285.1	2008/07/23	2008/07/23	PCT/US08/70859				
RN236ep	SYSTEM AND METHOD FOR DISTRIBUTING MEDIA DATA	EP	08796480.5	2010/01/15						
RN236in	SYSTEM AND METHOD FOR DISTRIBUTING MEDIA DATA	India	246/KOLNP/2010		2008/07/23	PCT/US08/70859				
RN236jp	SYSTEM AND METHOD FOR DISTRIBUTING MEDIA DATA	Japan	2010-518349							
RN236kr	SYSTEM AND METHOD FOR DISTRIBUTING MEDIA DATA	Korea	10-2010-7004093	2010/02/24	2008/07/23	PCT/US08/70859				
RN241	DYNAMIC CONTENT INSERTION METHOD AND SYSTEM	US	11745617	2007/05/08			US 2008-0281686 A1	2008/11/13		
RN243	METHOD AND SYSTEM FOR DEEP METADATA POPULATION OF MEDIA CONTENT	US	12023648	2008/01/31			US 2009-0198732 A1	2009/08/06		
RN243pct	METHOD AND SYSTEM FOR DEEP METADATA POPULATION OF MEDIA CONTENT	PCT	PCT/US09/32108	2009/01/27	2008/01/31	12023648				
RN244	SYSTEM AND METHODS FOR SELECTIVE ADVERTISING IN MEDIA CONTENT	US	12853153	2010/08/09	2008/02/07	61065053		2011/03/17		
RN247	TRACK SHUFFLING SYSTEM AND METHOD	US	12034322	2008/02/20	2007/02/20	60890708	US 2008-0215629 A1	2008/09/04		

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RN249	METHOD AND SYSTEM FOR IMPROVING THE QUALITY OF DEEP METADATA ASSOCIATED WITH MEDIA CONTENT	US	12024567	2008/02/01			US 2009-0198700 A1	2009/08/06	7840581	2010/11/23
RN250x1	VARIABLE FIDELITY MEDIA PROVISION SYSTEM AND METHOD	US	12181316	2008/07/28	2007/07/26	60952031	US 2009-0030976 A1	2009/01/29		
RN250x2	ADAPTIVE VARIABLE FIDELITY MEDIA DISTRIBUTION SYSTEM AND METHOD	US	12181310	2008/07/28	2007/07/26	60952031	US 2009-0031038 A1	2009/01/29	7953882	2011/05/31
RN250x2d1	ADAPTIVE VARIABLE FIDELITY MEDIA DISTRIBUTION SYSTEM AND METHOD	US	13092853	2011/04/22	2007/07/26	60952031	US 2011-0196942 A1	2011/08/11		
RN251	SYSTEM AND METHOD FOR CONFIGURING A CLIENT ELECTRONIC DEVICE	US	11767825	2007/06/25	2006/08/31	60842056	US 2008-0059567 A1	2008/03/06	8095626	2012/01/10
RN251c1	SYSTEM AND METHOD FOR CONFIGURING A CLIENT ELECTRONIC DEVICE	US	13347536	2012/01/10	2006/08/31	60842056				
RN251ca	SYSTEM AND METHOD FOR CONFIGURING A CLIENT ELECTRONIC DEVICE	Canada	2688476	2008/05/30						
RN251cn	SYSTEM AND METHOD FOR CONFIGURING A CLIENT ELECTRONIC DEVICE	China	200880101281.2	2010/01/29						
RN251ep	SYSTEM AND METHOD FOR CONFIGURING A CLIENT ELECTRONIC DEVICE	EP	8756509.9	2009/12/08						
RN251jp	SYSTEM AND METHOD FOR CONFIGURING A CLIENT ELECTRONIC DEVICE	Japan	2010-510513	2010/03/18						
RN251kr	SYSTEM AND METHOD FOR CONFIGURING A CLIENT ELECTRONIC DEVICE	Korea	10-2009-7024881	2009/11/27			10-2010-0025517			
RN261	SYSTEMS AND METHODS FOR CONTENT PLAYBACK AND RECORDING	US	12483107	2009/06/11	2008/06/19	61073794	US 2009-0319807 A1	2009/12/24		
RN270pr										
RN290	DISPLAY WINDOW CONTROL SYSTEM AND METHOD	US	12722443	2010/03/11	2008/09/11	PCT/US2008/010711	US 2010-0217993 A1	2010/08/26		
RN301	API-ACCESSIBLE MEDIA DISTRIBUTION SYSTEM	US	11848844	2007/08/31	2006/08/31	60842056	US 2008-0059483 A1	2008/03/06		
RN301ep	API-ACCESSIBLE MEDIA DISTRIBUTION SYSTEM	EP	7841746.6	2007/08/31						
RN301jp	API-ACCESSIBLE MEDIA DISTRIBUTION SYSTEM	Japan	2009-526938							
RN301kr	API-ACCESSIBLE MEDIA DISTRIBUTION SYSTEM	Korea	10-2009-7006670	2009/03/31	2007/08/31	PCT/US2007/077420	10-2009-0064410			
RN302	API-ACCESSIBLE MEDIA DISTRIBUTION SYSTEM	US	11848811	2007/08/31	2006/08/31	60842056	US 2008-0059434 A1	2008/03/06		

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RN303jp	System and Method for Modifying a Media Library	Japan	2009-527605							
RN303kr	System and Method for Modifying a Media Library	Korea	10-2009-7007036	2009/04/06	2008/03/13	PCT/US2007/077987				
RN306	SYSTEM AND METHOD FOR AUTOMATICALLY CREATING A MEDIA ARCHIVE FROM CONTENT ON A RECORDING MEDIUM	US	12332121	2008/12/10	2007/12/10	61012500	US 2009-0148125 A1	2009/06/11		
RN307	SYSTEM AND METHOD FOR AUTOMATICALLY CREATING A MEDIA ARCHIVE FROM CONTENT ON A RECORDING MEDIUM	US	12332110	2008/12/10	2007/12/10	61012500	US 2009-0150409 A1	2009/06/11	8135761	2012/03/12
RN307c1	SYSTEM AND METHOD FOR AUTOMATICALLY CREATING A MEDIA ARCHIVE FROM CONTENT ON A RECORDING MEDIUM	US	13414563	2012/03/07	2007/12/10	61012500				
RN308	Systems and methods for video/multimedia rendering, composition, and user interactivity	US	12586057	2009/09/16	2008/09/16	61192136	US 2010-0158099 A1	2010/06/24		
RN308ep	Systems and methods for video/multimedia rendering, composition, and user interactivity	EP	20090815150	2011/06/29	2008/09/16	61192136				
RN310	SECURE MEDIA PATH SYSTEM AND METHOD	US	12560287	2009/09/15	2008/09/15	61097201	US 2010-0071071 A1	2010/03/18	8074286	2011/12/06
RN311	RE-HEADERER SYSTEM AND METHOD	US	12716202	2010/03/02	2009/03/02	61156799	US 2010-0223327 A1	2010/09/02		
RN311pct	RE-HEADERER SYSTEM AND METHOD	PCT	PCT/US10/25977	2010/03/02	2009/03/02	61156799				
RN312	MULTI-OUT MEDIA DISTRIBUTION SYSTEM AND METHOD	US	12838325	2010/07/16	2010/05/05	61331639	US 2011-0276712 A1	2011/11/10		
RN323	MOBILE MEDIA PLAY SYSTEM AND METHOD	US	12560826	2009/09/16			US 2011-0066843 A1	2011/03/17		
RN326	METHOD AND SYSTEM FOR PROVIDING AN OPINION AND AGGREGATING OPINIONS WITH MOBILE TELECOMMUNICATION DEVICE	US	10477164	2003/11/07	2001/05/11	60290592	US 2004-0235460 A1	2004/11/25	7319863	2008/01/15
RN327	METHOD AND SYSTEM FOR COLLECTING AND DISPLAYING AGGREGATE PRESENCE INFORMATION FOR MOBILE MEDIA PLAYERS	US	10477049	2003/11/07	2001/05/11	60290592	US 2004-0172481 A1	2004/09/02	7433922	2008/10/07
RN328	Digital media content distribution	US	11157481	2005/06/21	2004/06/21	60581737	US 2007-0005503 A1	2007/01/04		

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RN329	MEDIA PLAYING ON A PORTABLE MEDIA PLAYER INCLUDING SHOP AND PLAY REMOTE MEDIA	US	11971043	2008/01/08	2007/01/08	60883987	US 2008-0189255 A1	2008/08/07		2012/04/10
RN330	METHOD AND SYSTEM FOR UPDATING MEDIA LISTS IN PORTABLE MEDIA DEVICES	US	12165277	2008/06/30	2007/06/29	60947273	US 2009-0006542 A1	2009/01/01		
RN331	CONTENT ADAPTIVE MOTION COMPENSATION FILTERING FOR HIGH EFFICIENCY VIDEO CODING	US	12974940	2010/12/21						
RN331pct	CONTENT ADAPTIVE MOTION COMPENSATION FILTERING FOR HIGH EFFICIENCY VIDEO CODING	PCT	PCT/US11/66666	2011/12/21	2010/12/21	12974940				
RN332	CONTENT ADAPTIVE QUALITY RESTORATION FILTERING FOR HIGH EFFICIENCY VIDEO CODING	US	12974645	2010/12/21						
RN332pct	CONTENT ADAPTIVE QUALITY RESTORATION FILTERING FOR HIGH EFFICIENCY VIDEO CODING	PCT	PCT/US11/66670	2011/12/21	2010/12/21	12974645				
RN333	SYSTEM AND METHOD FOR SEAMLESSLY JOINING MULTICAST SESSION	US	9689428	2000/10/12					6973081	2005/12/06
RN337	METHOD FOR PROVIDING MULTIMEDIA DATA VIA COMMUNICATION NETWORK	US	11190800	2005/07/27				2006/02/02	7480314	2009/01/20
RN337au	METHOD FOR PROVIDING MULTIMEDIA DATA VIA COMMUNICATION NETWORK AND PLAYING THE MULTIMEDIA DATA	Australia	2005265464	2007/01/16	2005/07/28	PCT/KR2005/002447			AU2005265464	2008/12/18
RN337cn	METHOD FOR PROVIDING MULTIMEDIA DATA VIA COMMUNICATION NETWORK AND PLAYING THE MULTIMEDIA DATA	China	200580024459.4	2007/01/19	2005/07/28	PCT/KR2005/002447	1989730	2007/06/27		
RN337ep	METHOD FOR PROVIDING MULTIMEDIA DATA VIA COMMUNICATION NETWORK AND PLAYING THE MULTIMEDIA DATA	EP	5780753.9	2007/01/17	2005/07/28	PCT/KR2005/002447				
RN337id	METHOD FOR PROVIDING MULTIMEDIA DATA VIA COMMUNICATION NETWORK AND PLAYING THE MULTIMEDIA DATA	Indonesia	W00200700241	2007/01/24	2005/07/28	PCT/KR2005/002447			ID 0 020 942	2008/04/17

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RN337in	METHOD FOR PROVIDING MULTIMEDIA DATA VIA COMMUNICATION NETWORK AND PLAYING THE MULTIMEDIA DATA	India	74/MUMNP/2007	2007/01/17	2005/07/28	PCT/KR2005/002447			236464	2009/10/30
RN337kr2	METHOD FOR PROVIDING MULTIMEDIA DATA VIA COMMUNICATION NETWORK AND PLAYING THE MULTIMEDIA DATA	Korea	10-2005-0068201	2005/07/27	2005/07/28	PCT/KR2005/002447			10-0606281-00-00	2006/07/21
RN339cn	SYSTEM AND METHOD FOR PROVIDING AND HANDLING EXECUTABLE WEB CONTENT	China	200680002228.8	2007/07/12	2006/01/11	PCT/KR2006/000119			ZL200680002228.8	2009/09/23
RN339id	SYSTEM AND METHOD FOR PROVIDING AND HANDLING EXECUTABLE WEB CONTENT	Indonesia	W00200702231	2006/01/11	2006/01/11	PCT/KR2006/000119			P0027182	2010/12/09
RN339in	SYSTEM AND METHOD FOR PROVIDING AND HANDLING EXECUTABLE WEB CONTENT	India	2617/KO LNP/2007	2007/07/12	2006/01/11	PCT/KR2006/000119				
RN340	Method and System for Interworking Plurality of Applications	US	11813295	2007/07/03	2006/01/10	PCT/KR2006/000093		2008/07/10		
RN340cn	METHOD AND SYETEM FOR INTERWORKING PLURALITY OF APPLICATIONS	China	200680001968.X	2006/01/10	2005/01/11	KR 10-2005-0002696	CN100520709	2009/07/29	ZL200680001968.X	2009/07/29
RN340id	METHOD AND SYETEM FOR INTERWORKING PLURALITY OF APPLICATIONS	Indonesia	W00200702094	2007/06/27					ID 0 022 272	2008/11/06
RN340jp	METHOD AND SYETEM FOR INTERWORKING PLURALITY OF APPLICATIONS	Japan	2007-550303	2007/07/06					4818278	2011/09/09
RN340kr	METHOD AND SYETEM FOR INTERWORKING PLURALITY OF APPLICATIONS	Korea	10-2005-0002696	2005/01/11					10-0616157-00-00	2006/08/18
RN341	METHOD AND SYSTEM FOR SERVICING BGM REQUEST AND FOR PROVIDING SOUND SOURCE INFORMATION	US	11831212	2007/07/31				2008/01/31		
RN341kr	Method and system for serving BGM request and for providing sound source information	Korea	10-2006-0079150	2006/08/22					10-0811600-00-00	2008/03/03
RN341kr2	SYSTEM AND METHOD FOR PROVIDING SOUND SOURCE INFORMATION	Korea	10-2006-0072162	2006/07/31					10-0850321-00-00	2008/07/29
RN342	Method for Providing Caller Identification Service and System of Enabling the Method	US	11913522	2007/11/02	2006/05/03	PCT/KR2006/001662		2008/08/28		
RN342ep	METHOD FOR PROVIDING CALLER IDENTIFICATION SERVICE AND SYSTEM OF ENABLING THE METHOD	EP	6757622.3	2007/11/14	2006/05/03	PCT/KR2006/001662				

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RN342kr	Method for providing caller identification service and system of enabling the method	Korea	10-2005-0044591	2005/05/26	2006/05/03	PCT/KR2006/001662			10-0821689-00-00	2008/04/04
RN343	METHOD OF PROCESSING AUDIO SIGNALS FOR IMPROVING THE QUALITY OF OUTPUT AUDIO SIGNAL WHICH IS TRANSFERRED TO SUBSCRIBER'S TERMINAL OVER NETWORK AND AUDIO SIGNAL PRE-PROCESSING APPARATUS OF ENABLING THE METHOD	US	12160090	2008/07/03	2007/01/08	PCT/KR07/00115		2009/12/03	8145479	2012/03/27
RN343c1		US	13426411	2012/03/21						
RN343id	METHOD OF PROCESSING AUDIO SIGNALS FOR IMPROVING THE QUALITY OF OUTPUT AUDIO SIGNAL WHICH IS TRANSFERRED TO SUBSCRIBER'S TERMINAL OVER NETWORK AND AUDIO SIGNAL PRE-PROCESSING APPARATUS OF ENABLING THE METHOD	Indonesia	W00200802255	2008/07/07	2007/01/08	PCT/KR07/00115				
RN343in	METHOD OF PROCESSING AUDIO SIGNALS FOR IMPROVING THE QUALITY OF OUTPUT AUDIO SIGNAL WHICH IS TRANSFERRED TO SUBSCRIBER'S TERMINAL OVER NETWORK AND AUDIO SIGNAL PRE-PROCESSING APPARATUS OF ENABLING THE METHOD	India	2710/KOL NP/2008	2008/07/07	2007/01/08	PCT/KR07/00115				
RN343kr	METHOD OF PROCESSING AUDIO SIGNALS FOR IMPROVING THE QUALITY OF OUTPUT AUDIO SIGNAL WHICH IS TRANSFERRED TO SUBSCRIBER'S TERMINAL OVER NETWORK AND AUDIO SIGNAL PRE-PROCESSING APPARATUS OF ENABLING THE METHOD	Korea	10-2006-0001902	2006/01/06	2007/01/08	PCT/KR07/00115			10-0760905-00-00	2007/09/17

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RN343kr2	METHOD OF PROCESSING AUDIO SIGNALS FOR IMPROVING THE QUALITY OF OUTPUT AUDIO SIGNAL WHICH IS TRANSFERRED TO SUBSCRIBER'S TERMINAL OVER NETWORKS AND AUDIO SIGNAL PROCESSING APPARATUS OF ENABLING THE METHOD	Korea	10-2006-0001901	2006/01/06	2007/01/08	PCT/KR07/00115			10-0785471-00-00	2007/12/06
RN348id	SERVICE SYSTEM AND METHOD FOR MOBILE PAYMENT OF SMALL AMOUNT USING VIRTUAL CALLER ID	ID	W00200602669	2006/09/22	2005/03/29	PCT/KR2005/000907			ID 0 021 257	
RN348in	A MOBILE MICROPAYMENT SERVICE SYSTEM USING A VIRTUAL CALLER ID	IN	1206/MUMNP/2006	2006/10/09	2005/03/29	PCT/KR2005/000907			220636	
RN343jp	METHOD OF PROCESSING AUDIO SIGNALS FOR IMPROVING THE QUALITY OF OUTPUT AUDIO SIGNAL WHICH IS TRANSFERRED TO SUBSCRIBER'S TERMINAL OVER NETWORK AND AUDIO SIGNAL PRE-PROCESSING APPARATUS OF ENABLING THE METHOD	Japan	2008-549428	2008/07/07	2007/01/08	PCT/KR07/00115	2009522914	2009/06/11		
RN348cn	SERVICE SYSTEM AND METHOD FOR MOBILE PAYMENT OF SMALL AMOUNT USING VIRTUAL CALLER ID	CN	200580010794.9	2006/09/30	2005/03/29	PCT/KR2005/000907	101019447	2007/08/15	ZL200580010794.9	
RN348kr	Service System and Method for Mobile Payment of Small Amount Using Virtual Caller ID	KR	10-2004-0021669	2004/03/30	2005/03/29	PCT/KR2005/000907			10-0584001-00-00	
RN350cn	OPTIONAL ENCODING SYSTEM AND METHOD FOR OPERATING THE SYSTEM	CN	200680035907.5	2008/03/28	2005/09/30	PCT/KR2006/003903	101273405	2008/09/24	200680035907.5	2011/12/21
RN350in	OPTIONAL ENCODING SYSTEM AND METHOD FOR OPERATING THE SYSTEM	IN	2573/DELNP/2008	2006/03/28	2005/09/30	PCT/KR2006/003903				
RN350kr	OPTIONAL ENCODING SYSTEM AND METHOD FOR OPERATING THE SYSTEM	KR	10-2005-0091846	2005/09/30	2005/09/30	PCT/KR2006/003903			10-0757858-00-00	
RN365kr	Surveillance device on-demand	KR	10-2001-0057006	2001/09/15					10-0440673-00-00	

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RN374kr	METHOD AND SYSTEM FOR CONTROLLING EXECUTION OF THE MOBILE GAME WITH THE MOBILE COMMUNICATION TERMINAL	KR	10-2004-0082259	2004/10/14					10-0689669-00-00	
RN380kr	Input device having wheel capable of two operation modes and method of controlling the input device	KR	10-2006-0017579							
RN401c1	METHOD FOR SELLING CONTENT OVER A NETWORK	US	11762361	2007/06/13	2004/04/26	10832186	US 2007-0299738 A1	2007/12/27	7734511	2010/06/08
RN401c2	METHOD FOR SELLING CONTENT OVER A NETWORK	US	12794624	2010/06/04	2004/04/26	10832186	US 2010-0250401 A1	2010/09/30	8121906	2012/02/21
RN401c3	METHOD FOR SELLING CONTENT OVER A NETWORK	US	13371268	2012/02/10	2004/04/26	10832186				
RN406	CONTENT RECOMMENDATION DEVICE WITH AN ARRANGEMENT ENGINE	US	10861133	2004/06/04			US 2005-0021420 A1	2005/01/27	7716220	2010/05/11
RN406EP	CONTENT RECOMMENDATION DEVICE WITH AN ARRANGEMENT ENGINE	EP	3012731	2003/06/04						
RN406JP	CONTENT RECOMMENDATION DEVICE WITH AN ARRANGEMENT ENGINE	Japan	JP2006-508269	2004/06/03					4723481	2011/04/15
RN407	CONTENT RECOMMENDATION DEVICE WITH USER FEEDBACK	US	10861154	2004/06/04			US 2005-0076093 A1	2005/04/07	7337458	2008/02/26
RN407EP	CONTENT RECOMMENDATION DEVICE WITH USER FEEDBACK	EP	03012729.4	2003/06/04						
RN407JP	CONTENT RECOMMENDATION DEVICE WITH USER FEEDBACK	Japan	JP2006-508270	2004/06/03						
RN408	METHOD OF PROVIDING CONTENT ITEMS	US	11540578	2006/10/02			US 2007-0106672 A1	2007/05/10	7756880	2010/07/13

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RN408c1	METHOD OF PROVIDING CONTENT ITEMS	US	12829932	2010/07/02	2006/10/02	11540578	US 2010-0274849 A1	2010/10/28		
RN408CN	METHOD OF PROVIDING CONTENT ITEMS	China	CN200610148432.2	2006/11/08						
RN408EP	METHOD OF PROVIDING CONTENT ITEMS	EP	05024286.6	2005/11/08						
RN408JP	METHOD OF PROVIDING CONTENT ITEMS	Japan	JP2006302857	2006/11/08						
RN409cn	Content Output Device Providing Personalized Media Content	China	CN200480027788.X	2004/09/10	2003/09/25		CN1856979	2010/07/21	200480027788	2010/03/12
RN409EP	Content Output Device Providing Personalized Media Content	EP	3021748.3	2003/09/25						
RN409jp	Content Output Device Providing Personalized Media Content	Japan	2006-527304	2004/09/10					4503018	2010/04/30
RN410EP	System for Providing a Media Item	EP	05003085.7	2005/02/14						
RN411EP	System for Providing a Music Channel with True Ring-Tone Download Capability	EP	05003086.5	2005/02/14						
RN414ep	PREPROCESSING OF DIGITAL AUDIO DATA FOR IMPROVING PERCEPTUAL SOUND QUALITY ON A MOBILE PHONE	EP	4701123.4	2005/08/08			EP1588498	2004/09/16		
RN414kr	PREPROCESSING OF DIGITAL AUDIO DATA FOR IMPROVING PERCEPTUAL SOUND QUALITY ON A MOBILE PHONE	Korea	2003-0001330	2005/08/08					754439	
RN414us	PREPROCESSING OF DIGITAL AUDIO DATA FOR IMPROVING PERCEPTUAL SOUND QUALITY ON A MOBILE PHONE	US	10753713	2004/01/08				2005/04/28	7430506	2008/09/30
RN415ep	PREPROCESSING OF DIGITAL AUDIO DATA FOR MOBILE AUDIO CODECS	EP	3751533.5	2003/10/14	2003/10/14	PCT/KR2003/02117			1554717	2011/08/24
RN415kr	PREPROCESSING OF DIGITAL AUDIO DATA FOR MOBILE AUDIO CODECS	Korea	10-2002-0062507	2002/10/14					10-0841096-00-00	2008/06/18
RN416kr	System and Method for providing sound source contents	Korea	10-2006-0073290	2006/08/03						

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RN417kr	Method and system for providing sound source contents information	Korea	10-2006-0091005	2006/09/20						

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RN010	US	9575403	5/22/2000						
RN010pct	PCT	PCT/US01/16298	5/18/2001						
RN011	US	9575405	5/22/2000						
RN011PCT	PCT	PCT/US01/16299							
RN014c1	US	11823097	6/25/2007			US 2008-0134051 A1			
RN014PCT	PCT	PCT/US01/16230							
RN015	US	9300139	12/22/2004						
RN018c2	US	12786342	5/24/2010			US 2010-0277649 A1			
RN018pct	PCT	PCT/US00/18182							
RN019PCT	PCT	PCT/US00/18386							
RN020pct	PCT	PCT/US00/18390							
RN021pct	PCT	PCT/US00/18228							
RN022PCT	PCT	PCT/US01/12222							
RN023	US	9550545	4/14/2000						
RN023d1	US	11159885	6/23/2005			US 2005-0240297 A1			
RN023pct	PCT	PCT/US01/							
RN024PCT	PCT	PCT/US00/42392							
RN027c3	US	11105305	4/13/2005						
RN029c1	US	8707773							
RN029jp	JP	216168/1994	9/9/1994						
RN030c1c1	US	9653973							
RN030pct	PCT	PCT/US95/14765							
RN035de	DE	EU94929314.6	1993/09/23						
RN035ep	EP	94929314.6	1993/09/23						
RN049PCT	PCT	PCT/US01/16297							

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RN051	US	9710062	11/8/2000						
RN051c1	US	11115807	4/26/2005						
RN054c1	US	11401516	4/11/2006			US 2006-0182356 A1			
RN055c1	US	11540065	9/29/2006						
RN057PR	US	60174518							
RN062C1	US	11352944	2/13/2006						
RN066	US	10056262	1/23/2002			US 2003-0139966 A1			
RN067pr	US	60351161							
RN069	US	60367032							
RN069PCT	PCT	PCT/US03/07884							
RN070PCT	PCT	PCT/US03/07472							
RN070pr	US	60367075							
RN071	US	10143695	5/9/2002			US 2003-0212804 A1			
RN072	US	10185526	6/26/2002						
RN073	US	10668824	9/22/2003			US 2004-0205811 A1			
RN073pr	US	60413160							
RN076PR	US	60408209							
RN077c1	US	11846493	8/28/2007						
RN079PCT	PCT	PCT/US03/12847	4/22/2003						
RN079PR	US	60375289							
RN081p1	US	60414120							
RN081p2	US	60415447							
RN082au	AU	199894011	9/21/1998					750272	
RN082bg	BG	104353	9/21/1998					65408	
RN082hu	HU	HU0101023							

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RN	Juris.	Serial number	Filing date	Priority Date	Priority App.	Publication number	Pub. date	Patent No.	Issue date
RN082id	ID	W20000763	1998/09/21						
RN082il	IL	135048	1998/09/21						
RN082pct	PCT	PCT/US98/19618							
RN082si	SI	200001555-2							
RN083c2	US	12555727	9/10/2009			US 2010-0225805 A1			
RN084PCT	PCT	PCT/US04/00723							
RN086	US	10355970	1/31/2003			US 2004-0153647 A1			
RN088c1	US	11845732	8/27/2007						
RN088PCT	PCT	PCT/US2004/005125							
RN089PR	US	60451975							
RN091	US	10508568	9/21/2004			US 2005-0105889 A1			
RN092pct	PCT	PCT/US03/07882	3/12/2003						
RN092pr	US	60366835	3/22/2002						
RN093	US	10430583	5/6/2003			US 2004-0223054 A1			
RN093EP	EP	4751321.3							
RN093PCT	PCT	PCT/US04/13901	5/6/2004						
RN095	US	10424490	4/24/2003						
RN096c1	US	11823096	6/25/2007						
RN097PCT	PCT	PCT/US05/24271	7/8/2005						
RN097PR	US	60464068							
RN099hk	HK	5111247.3	3/12/2003						
RN099pct	PCT	PCT/US03/07884	3/12/2003						
RN099pr	US	60367032							
RN100	US	10836646	4/30/2004			US 2005-0108176 A1			
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RN103	US	10877828	6/24/2004			US 2005-0044223 A1			
RN103PR	US	60482388							
RN104EP	EP	EP20030762992 20030612	6/12/2003					EP01649697	
RN104PCT	PCT	PCT/US03/18963							
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RN110pct	PCT	PCT/US00/04012	2/16/2000						
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RN112PCT	PCT	PCT/US01/03675	2/5/2001						
RN112pr	US	60180248	2/4/2000						
RN113EP	EP	1988476.6	10/26/2001						
RN113PCT	PCT	PCT/US01/51140							
RN115JP	JP	2001-544125	12/8/2000						
RN115pr	US	60169587	12/8/1999						
RN116PR	US	60244059							
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RN129PR	US	60529193							
RN130	US	10783043	2/19/2004						
RN132c1	US	12498994							
RN132PCT	PCT	PCT/US04/041654	12/14/2003						
RN134pr	US	60394524							
RN139GBd1	GB	710355.9	5/31/2007						
RN139pct	PCT	PCT/US04/42607	12/14/2004						
RN140PCT	PCT	PCT/US04/39371	11/11/2004						
RN142PR	US	60511155							
RN144PR	US	60562669							
RN145PR	US	60520163							
RN146PCT	PCT	PCT/US05/24271							
RN146PR	US	60587731							
RN147EP	EP	4795120.7	10/13/2004						
RN147PCT	PCT	PCT/US04/33917							
RN147PR	US	60511155							
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RN150PCT	PCT	PCT/US06/62768	12/29/2006						
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RN157PCT	PCT	PCT/US06/38705							
RN158pct	PCT	PCT/US06/38708							
RN159pct	PCT	PCT/US06/42144							
RN160	US	11322716	12/30/2005			US 2007-0174147 A1			
RN160pct	PCT	PCT/US06/42141							
RN161pct	PCT	PCT/US06/42143	10/30/2006						
RN162pct	PCT	PCT/US06/42142							
RN163pct	PCT	PCT/US07/65470							
RN164	US	11624899	1/19/2007			US 2007-0247755 A1			
RN164pct	PCT	PCT/US07/60778	1/19/2007						
RN164PR	US	60760531							
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RN172pct	PCT	PCT/US06/30795							
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RN179pct	PCT	PCT/US06/30825	8/7/2006						
RN182	US	11501202	8/7/2006			US 2007-0058832 A1			
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RN196	US	11506447	8/18/2006			US 2008-0046543 A1			
RN203pr	US	60711039	8/18/2005						
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RN233o2pct	PCT	PCT/US08/09919	8/18/2008						
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RN233PR	US	60956545	8/17/2007						
RN233y	US	PCT/US08/09887	8/18/2008						
RN233z	US	PCT/US08/09917	8/19/2008						
RN234pct	PCT	PCT/US08/65337	5/30/2008						
RN235br	BR	PI0814131-2	3/26/2010						
RN235pct	PCT	PCT/US08/70861	7/23/2008						
RN236br	BR	PI0814173-8	3/29/2010						
RN236pct	PCT	PCT/US08/70859	7/23/2008						
RN242pr	US	60986821	11/9/2007						
RN244pct	PCT	PCT/US09/33539	2/9/2009						
RN244pr	US	61065053	2/7/2008						
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RN260pr	US	60941526	6/1/2007						
RN261pct	PCT	PCT/US09/47089	6/11/2009						
RN261pr	US	61095249	9/8/2008						
RN290pct	PCT	PCT/US08/10711	9/11/2008						
RN290pr1	US	60993386	9/11/2007						
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RN301pct	PCT	PCT/US07/77420	8/31/2007						
RN301pr	US	60842056	8/31/2006						
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RN306pr	US	61012500	12/10/2007						
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RN329pr	US	60883987	1/8/2007						
RN330pr	US	60947273	6/29/2007						
RN337pct	PCT	PCT/KR2005/002447	7/28/2005						
RN339	US	11813192	6/29/2007						
RN339ep	EP	EP1839189							
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RN340ep	EP	6700114.9	8/6/2007						
RN340pct	PCT	PCT/KR2006/000093	1/10/2006						
RN342pct	PCT	PCT/KR2006/001662	5/3/2006						
RN343ep	EP	7700892.8	8/4/2008						
RN343pct	PCT	PCT/KR2007/000115	1/8/2007						
RN346	US	10585455							
RN346pct	PCT	PCT/KR2005/000014							
RN348	US	11547065							
RN348pct	PCT	PCT/KR2005/000907							
RN350pct	PCT	PCT/KR2006/003903							
RN401	US	10832186	4/26/2004			US 2005-0240487 A1			
RN406c1	US	12777102	5/10/2010						
RN406cn	CN	200480015378.3	38141.0					200480015378.3	
RN406PCT	PCT	PCT/EP2004/006017	6/3/2004						
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RN410pct	PCT	PCT/EP06/000769	1/30/2006						
RN411PCT	PCT	PCT/EP06/000768	1/30/2006						
RN414pct	PCT	PCT/KR04/00023	1/9/2004						
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RN	Title	Juris.	Serial number	Filing date	Priority Date	Priority App.	Publication No.	Pub. Date	Patent No.	Issue date
RN308	Systems and methods for video/multimedia rendering, composition, and user interactivity	US	12586057	2009/09/16	2008/09/16	61192136	US 2010-0158099 A1	2010/06/24		
RN308ep	Systems and methods for video/multimedia rendering, composition, and user interactivity	EP	20090815150	2011/06/29	2008/09/16	61192136				
RN308pct		PCT	PCT/US09/57219	2009/09/16	9/16/2008	61/192,136				
RN331	CONTENT ADAPTIVE MOTION COMPENSATION FILTERING FOR HIGH EFFICIENCY VIDEO CODING	US	12974940	2010/12/21						
RN331pct	CONTENT ADAPTIVE MOTION COMPENSATION FILTERING FOR HIGH EFFICIENCY VIDEO CODING	PCT	PCT/US11/66666	2011/12/21	2010/12/21	12974940				
RN332	CONTENT ADAPTIVE QUALITY RESTORATION FILTERING FOR HIGH EFFICIENCY VIDEO CODING	US	12974645	2010/12/21						
RN332pct	CONTENT ADAPTIVE QUALITY RESTORATION FILTERING FOR HIGH EFFICIENCY VIDEO CODING	PCT	PCT/US11/66670	2011/12/21	2010/12/21	12974645				