#### 503646276 01/13/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3692911

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CONTRIBUTION AGREEMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TIME WARNER CABLE INC.	12/31/2012

#### **RECEIVING PARTY DATA**

Name:	TIME WARNER CABLE ENTERPRISES LLC
Street Address:	60 COLUMBUS CIRCLE
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10023

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14981141

#### **CORRESPONDENCE DATA**

Fax Number: (703)391-2901

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: ptonotices@marburylaw.com

**Correspondent Name:** THE MARBURY LAW GROUP, PLLC Address Line 1: 11800 SUNRISE VALLEY DRIVE

Address Line 2: 15TH FLOOR

Address Line 4: RESTON, VIRGINIA 20191

ATTORNEY DOCKET NUMBER:	2816-111C
NAME OF SUBMITTER:	R. CREMEANS
SIGNATURE:	/R. CREMEANS/
DATE SIGNED:	01/13/2016

#### **Total Attachments: 33**

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RECORDATION DATE: 04/24/2013 REEL/FRAME: 030281/0473

NUMBER OF PAGES: 37

BRIEF: CONTRIBUTION AGREEMENT

DOCKET NUMBER: TWC-GENERAL

ASSIGNOR:

TIME WARNER CABLE INC. DOC DATE: 12/31/2012

ASSIGNEE:

TIME WARNER CABLE ENTERPRISES LLC 60 COLUMBUS CIRCLE

NEW YORK, NEW YORK 10023

APPLICATION NUMBER: 08538764 FILING DATE: 10/03/1995 PATENT NUMBER: 5756280 ISSUE DATE: 05/26/1998 TITLE: MULTIMEDIA DISTRIBUTION NETWORK INCLUDING VIDEO SWITCH

APPLICATION NUMBER: 08688114 FILING DATE: 07/29/1996 PATENT NUMBER: 5953073 ISSUE DATE: 09/14/1999

TITLE: METHOD FOR RELATING INDEXING INFORMATION ASSOCIATED WITH AT LEAST TWO INDEXING SCHEMES TO FACILITATE THE PLAY-BACK OF

USER-SPECIFIED DIGITAL VIDEO DATA AND A VIDEO CLIENT

INCORPORATING THE SAME

P.O. Box 1450, Alexandria, Virginia 22313-1450 - WWW.USPTO.GOV

**PATENT** 

**REEL: 037489 FRAME: 0288** 

APPLICATION NUMBER: 08976019 FILING DATE: 11/21/1997 PATENT NUMBER: 6016507 FILING DATE: 01/18/2000

TITLE: METHOD AND APPARATUS FOR DELETING A PORTION OF A VIDEO OR AUDIO

FILE FROM DATA STORAGE PRIOR TO COMPLETION OF BROADCAST OR

PRESENTATION

APPLICATION NUMBER: 09185179 FILING DATE: 11/03/1998 PATENT NUMBER: 6772433 FILING DATE: 08/03/2004 TITLE: INTERACTIVE PROGRAM GUIDE FOR DESIGNATING INFORMATION ON AN INTERACTIVE PROGRAM GUIDE DISPLAY

APPLICATION NUMBER: 09389941 FILING DATE: 09/03/1999 ISSUE DATE: 06/08/2004 PATENT NUMBER: 6748362

TITLE: PROCESS, SYSTEM, AND APPARATUS FOR EMBEDDING DATA IN COMPRESSED

AUDIO, IMAGE VIDEO AND OTHER MEDIA FILES AND THE LIKE

APPLICATION NUMBER: 09389942 PATENT NUMBER: 7188186 FILING DATE: 09/03/1999 ISSUE DATE: 03/06/2007 TITLE: PROCESS OF AND SYSTEM FOR SEAMLESSLY EMBEDDING EXECUTABLE PROGRAM CODE INTO MEDIA FILE FORMATS SUCH AS MP3 AND THE LIKE FOR EXECUTION BY DIGITAL MEDIA PLAYER AND VIEWING SYSTEMS

APPLICATION NUMBER: 09485658 FILING DATE: 02/14/2000 PATENT NUMBER: 6856598 FILING DATE: 02/15/2005 TITLE: COMMUNICATIONS SYSTEM

APPLICATION NUMBER: 09611151 FILING DATE: 07/27/2004
ISSUE DATE: 07/27/2004 FILING DATE: 07/06/2000 TITLE: METHOD OF AND APPARATUS FOR HIGH-BANDWIDTH STEGANOGRAPHIC EMBEDDING OF DATA IN A SERIES OF DIGITAL SIGNALS OR MEASUREMENTS

SUCH AS TAKEN FROM ANALOG DATA STREAMS OR SUBSAMPLED AND/OR

TRANSPORMED DIGITAL DATA

APPLICATION NUMBER: 09956688 FILING DATE: 09/20/2001

PATENT NUMBER: ISSUE DATE:

TITLE: TECHNIQUE FOR EFFECTIVELY PROVIDING PROGRAM MATERIAL IN A CABLE

TELEVISION SYSTEM

APPLICATION NUMBER: 10120960 FILING DATE: 04/09/2002 PATENT NUMBER: 7181142 FILING DATE: 02/20/2007

TITLE: BROADBAND OPTICAL NETWORK APPARATUS AND METHOD

APPLICATION NUMBER: 10182307 FILING DATE: 07/26/2002

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR PROVIDING BROADCAST PROGRAMMING, A VIRTUAL

VCR. AND A VIDEO SCRAPBOOK TO PROGRAMMING SUBSCRIBERS

APPLICATION NUMBER: 10211146
PATENT NUMBER: 8176508 FILING DATE: 08/02/2002 ISSUE DATE: 05/08/2012 TITLE: METHOD AND APPARATUS TO PROVIDE VERIFICATION OF DATA USING A

FINGERPRINT

APPLICATION NUMBER: 10325269 FILING DATE: 12/20/2002 PATENT NUMBER: 7272846 FILING DATE: 09/18/2007 FILING DATE: 12/20/2002

TITLE: SYSTEM AND METHOD FOR DETECTING AND REPORTING CABLE MODEMS WITH DUPLICATE MEDIA ACCESS CONTROL ADDRESSES

APPLICATION NUMBER: 10429998 FILING DATE: 05/05/2003

PATENT NUMBER: ISSUE DATE:

TITLE: TECHNIQUE FOR PROVIDING PROGRAMMING CONTENT THROUGH A

COMMUNICATIONS NETWORK HAVING LIMITED BANDWIDTH

APPLICATION NUMBER: 10449991 FILING DATE: 05/30/2003 PATENT NUMBER: 7805613 FILING DATE: 05/30/2003

TITLE: TECHNIQUE FOR RECORDING ENTERTAINMENT PROGRAMMING CONTENT WITH LIMITED MEMORY CAPACITY

APPLICATION NUMBER: 10456197 FILING DATE: 06/06/2003
PATENT NUMBER: 7523184 ISSUE DATE: 04/21/2009
TITLE: SYSTEM AND METHOD FOR SYNCHRONIZING THE CONFIGURATION OF DISTRIBUTED NETWORK MANAGEMENT APPLICATIONS

APPLICATION NUMBER: 10613659 FILING DATE: 07/03/2003 PATENT NUMBER: 7293282 FILING DATE: 11/06/2007

TITLE: METHOD TO BLOCK UNAUTHORIZED ACCESS TO TFTP SERVER CONFIGURATION FILES

APPLICATION NUMBER: 10626051 FILING DATE: 07/24/2003 PATENT NUMBER: 7457520 FILING DATE: 11/25/2008

TITLE: TECHNIQUE FOR PROVIDING A VIRTUAL DIGITAL VIDEO RECORDER SERVICE THROUGH A COMMUNICATIONS NETWORK

APPLICATION NUMBER: 10654667 FILING DATE: 09/04/2003 PATENT NUMBER: 7792963 FILING DATE: 09/07/2010

TITLE: METHOD TO BLOCK UNAUTHORIZED NETWORK TRAFFIC IN A CABLE DATA NETWORK

APPLICATION NUMBER: 10722206 FILING DATE: 11/24/2003
PATENT NUMBER: 7266726 ISSUE DATE: 09/04/2007
TITLE: METHODS AND APPARATUS FOR EVENT LOGGING IN AN INFORMATION
NETWORK

APPLICATION NUMBER: 10723959 FILING DATE: 11/24/2003
PATENT NUMBER: 8302111 ISSUE DATE: 10/30/2012

TITLE: METHODS AND APPARATUS FOR HARDWARE REGISTRATION IN A NETWORK DEVICE

APPLICATION NUMBER: 10755810 FILING DATE: 01/12/2004
PATENT NUMBER: 7694323 FILING DATE: 04/06/2010

TITLE: TECHNIQUE FOR PROVIDING SECURITY MEASURES FOR COMMUNICATIONS DEVICE CONNECTABLE TO A COMMUNICATIONS NETWORK

APPLICATION NUMBER: 10756563 FILING DATE: 01/13/2004
PATENT NUMBER: 7861274 ISSUE DATE: 12/28/2010

TITLE: SYSTEM AND METHOD FOR MANAGING PROGRAM ASSETS

APPLICATION NUMBER: 10773664 FILING DATE: 02/06/2004

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR DISPLAY ELEMENT MANAGEMENT IN AN INFORMATION NETWORK

APPLICATION NUMBER: 10782680 FILING DATE: 02/18/2004 PATENT NUMBER: 8078669 FILING DATE: 12/13/2011

TITLE: MEDIA EXTENSION APPARATUS AND METHODS FOR USE IN AN INFORMATION NETWORK

APPLICATION NUMBER: 10842855 FILING DATE: 05/11/2004 PATENT NUMBER: 7447780 FILING DATE: 11/04/2008 TITLE: TECHNIQUE FOR COMMUNICATING INFORMATION OVER A BROADBAND COMMUNICATIONS NETWORK

APPLICATION NUMBER: 10848294 FILING DATE: 05/18/2004 PATENT NUMBER: 7110533 FILING DATE: 05/18/2006

TITLE: TELEPHONE NID ISOLATION MODULE

APPLICATION NUMBER: 10848397 FILING DATE: 05/18/2004 PATENT NUMBER: 7372809 ISSUE DATE: 05/13/2008 TITLE: THWARTING DENIAL OF SERVICE ATTACKS ORIGINATING IN A DOCSIS-COMPLIANT CABLE NETWORK

APPLICATION NUMBER: 10865167 PATENT NUMBER: 7707615 FILING DATE: 06/10/2004 ISSUE DATE: 04/27/2010

TITLE: ESTABLISHING A RETURN PATH IN A FORWARD PATH CABLE TELEVISION TESTING ENVIRONMENT

APPLICATION NUMBER: 10865472 FILING DATE: 06/10/2004 PATENT NUMBER: 7716702 FILING DATE: 05/11/2010

TITLE: TECHNIQUE FOR DELIVERING VIA A COMMUNICATIONS NETWORK DATA FOR IMAGE DISPLAY WITH A DESIRED ASPECT RATIO

APPLICATION NUMBER: 10881979 FILING DATE: 06/29/2004

PATENT NUMBER: ISSUE DATE:

TITLE: METHOD AND APPARATUS FOR NETWORK BANDWIDTH ALLOCATION

APPLICATION NUMBER: 10883374 FILING DATE: 06/30/2004 PATENT NUMBER: 8201191 FILING DATE: 06/12/2012

TITLE: APPARATUS AND METHODS FOR IMPLEMENTATION OF NETWORK SOFTWARE INTERFACES

APPLICATION NUMBER: 10894884 FILING DATE: 07/20/2004 ISSUE DATE: 09/11/2012 PATENT NUMBER: 8266429

TITLE: TECHNIQUE FOR SECURELY COMMUNICATING AND STORING PROGRAMMING MATERIAL IN A TRUSTED DOMAIN

APPLICATION NUMBER: 10913064 FILING DATE: 08/06/2004

PATENT NUMBER: ISSUE DATE:

TITLE: TECHNIQUE FOR DELIVERING PROGRAMMING CONTENT BASED ON A MODIFIED NETWORK PERSONAL VIDEO RECORDER SERVICE

APPLICATION NUMBER: 10913970 FILING DATE: 08/06/2004 PATENT NUMBER: 7571460 FILING DATE: 08/04/2009

TITLE: SYSTEM AND METHOD FOR AFFECTING THE BEHAVIOR OF A NETWORK DEVICE IN A CABLE NETWORK

APPLICATION NUMBER: 10936294 FILING DATE: 09/08/2004

PATENT NUMBER: ISSUE DATE:

TITLE: TECHNIQUE FOR DELIVERING THROUGH A COMMUNICATIONS NETWORK CONTENT OF ENTERTAINMENT PROGRAMS, AND VIDEO RECORDINGS PROVIDED BY USERS

APPLICATION NUMBER: 10948271 FILING DATE: 09/22/2004

PATENT NUMBER: ISSUE DATE:

TITLE: SCHEDULING TRIGGER APPARATUS AND METHOD

APPLICATION NUMBER: 10970429 FILING DATE: 10/21/2004

PATENT NUMBER: ISSUE DATE:

TITLE: PROGRAMMING CONTENT CAPTURING AND PROCESSING SYSTEM AND METHOD

APPLICATION NUMBER: 10983133 FILING DATE: 11/05/2004
PATENT NUMBER: 7388870 ISSUE DATE: 06/17/2008
TITLE: SYSTEM AND METHOD FOR PROVIDING PREMIUM TRANSPORT IN A
DOCSIS-COMPLIANT CABLE NETWORK

APPLICATION NUMBER: 10983378 FILING DATE: 11/08/2004
PATENT NUMBER: 7774818 ISSUE DATE: 08/10/2010
TITLE: TECHNIQUE FOR EFFECTIVELY UTILIZING LIMITED BANDWIDTH OF A
COMMUNICATIONS NETWORK TO DELIVER PROGRAMMING CONTENT

APPLICATION NUMBER: 10992628 FILING DATE: 11/18/2004 PATENT NUMBER: 7450134 FISUE DATE: 11/11/2008 TITLE: METHODS AND APPARATUS FOR ENCODING AND DECODING IMAGES

APPLICATION NUMBER: 11000844 FILING DATE: 12/01/2004
PATENT NUMBER: 7610606 ISSUE DATE: 10/27/2009
TITLE: TECHNIQUE FOR EFFECTIVELY PROVIDING VARIOUS ENTERTAINMENT
SERVICES THROUGH A COMMUNICATIONS NETWORK

APPLICATION NUMBER: 11001444 FILING DATE: 12/01/2004
PATENT NUMBER: 7532712 ISSUE DATE: 05/12/2009
TITLE: SYSTEM AND METHOD FOR PROVIDING CALLER ID SERVICE IN A
MULTI-REGION CABLE NETWORK

APPLICATION NUMBER: 11001513 FILING DATE: 12/01/2004
PATENT NUMBER: 7486869 ISSUE DATE: 02/03/2009
TITLE: SYSTEM AND METHOD FOR CONTROLLING A DIGITAL VIDEO RECORDER ON A CABLE NETWORK

APPLICATION NUMBER: 11006404 FILING DATE: 12/07/2004
PATENT NUMBER: 8312267 ISSUE DATE: 11/13/2012
TITLE: TECHNIQUE FOR SECURELY COMMUNICATING PROGRAMMING CONTENT

APPLICATION NUMBER: 11013665 FILING DATE: 12/15/2004 PATENT NUMBER: ISSUE DATE:

TITLE: METHOD AND APPARATUS FOR HIGH BANDWIDTH DATA TRANSMISSION IN CONTENT-BASED NETWORKS

APPLICATION NUMBER: 11013671 FILING DATE: 12/15/2004 PATENT NUMBER: ISSUE DATE:

FAIRNI NOMBER: 1550E DAIE;

TITLE: METHOD AND APPARATUS FOR WIDEBAND DISTRIBUTION OF CONTENT

APPLICATION NUMBER: 11020060 FILING DATE: 12/22/2004
PATENT NUMBER: 7620562 ISSUE DATE: 11/17/2009
TITLE: ONLINE INSTALLATION SCHEDULING SYSTEM AND METHOD FOR CABLE SERVICES

APPLICATION NUMBER: 11021530 FILING DATE: 12/23/2004 PATENT NUMBER: 7664245 ISSUE DATE: 02/16/2010 TITLE: SYSTEM AND METHOD FOR PROVISIONING DIGITAL PHONE SERVICE

APPLICATION NUMBER: 11040391 FILING DATE: 01/21/2005 PATENT NUMBER: 7366102 ISSUE DATE: 04/29/2008 TITLE: FAULT ISOLATION SYSTEM AND METHOD

APPLICATION NUMBER: 11044964 FILING DATE: 01/27/2005 PATENT NUMBER: 7539193 FILING DATE: 05/26/2009

TITLE: SYSTEM AND METHOD FOR FACILITATING COMMUNICATION BETWEEN A CMTS AND AN APPLICATION SERVER IN A CABLE NETWORK

APPLICATION NUMBER: 11048334 FILING DATE: 02/01/2005 PATENT NUMBER: 7602820 FILING DATE: 10/13/2009

TITLE: APPARATUS AND METHODS FOR MULTI-STAGE MULTIPLEXING IN A NETWORK

APPLICATION NUMBER: 11048348 FILING DATE: 02/01/2005
PATENT NUMBER: 7567565 ISSUE DATE: 07/28/2009
TITLE: METHOD AND APPARATUS FOR NETWORK BANDWIDTH CONSERVATION

APPLICATION NUMBER: 11056625 FILING DATE: 02/11/2005
PATENT NUMBER: 7954128 ISSUE DATE: 05/31/2011
TITLE: METHODS AND APPARATUS FOR VARIABLE DELAY COMPENSATION IN NETWORKS

APPLICATION NUMBER: 11057749 FILING DATE: 02/14/2005
PATENT NUMBER: 7509663 ISSUE DATE: 03/24/2009
TITLE: TECHNIQUE FOR IDENTIFYING FAVORITE PROGRAM CHANNELS FOR
RECEIVING ENTERTAINMENT PROGRAMMING CONTENT OVER A
COMMUNICATIONS NETWORK

APPLICATION NUMBER: 11069080 FILING DATE: 03/01/2005
PATENT NUMBER: 7383473 ISSUE DATE: 06/03/2008
TITLE: SYSTEM AND METHOD FOR IDENTIFYING AND ISOLATING FAULTS IN A
VIDEO ON DEMAND PROVISIONING SYSTEM

APPLICATION NUMBER: 11069155 FILING DATE: 03/01/2005
PATENT NUMBER: 7594252 ISSUE DATE: 09/22/2009
TITLE: EARLY WARNING FAULT IDENTIFICATION AND ISOLATION SYSTEM FOR A
TWO-WAY CABLE NETWORK

APPLICATION NUMBER: 11069156 FILING DATE: 03/01/2005 PATENT NUMBER: ISSUE DATE:

TITLE: FAULT DETECTION AND ISOLATION SYSTEM FOR AN HFC CABLE NETWORK AND METHOD THEREFOR

APPLICATION NUMBER: 11079958 FILING DATE: 03/15/2005
PATENT NUMBER: ISSUE DATE:
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TITLE: TECHNIQUE FOR PROVIDING ON A PROGRAM CHANNEL COMPOSITE PROGRAMMING CONTENT ATTRIBUTED TO DIFFERENT SOURCES

APPLICATION NUMBER: 11080693 FILING DATE: 03/14/2005 PATENT NUMBER: 8028322 FISUE DATE: 09/27/2011

TITLE: METHOD AND APPARATUS FOR NETWORK CONTENT DOWNLOAD AND RECORDING

APPLICATION NUMBER: 11097563 FILING DATE: 04/01/2005 PATENT NUMBER: 8234679 FILING DATE: 07/31/2012

TITLE: TECHNIQUE FOR SELECTING MULTIPLE ENTERTAINMENT PROGRAMS TO BE PROVIDED OVER A COMMUNICATION NETWORK

APPLICATION NUMBER: 11143119 FILING DATE: 06/01/2005

PATENT NUMBER: ISSUE DATE:

TITLE: CONTROLLED ISOLATION SPLITTER APPARATUS AND METHODS

APPLICATION NUMBER: 11143120 FILING DATE: 06/01/2005 PATENT NUMBER: 8095098 FILING DATE: 01/10/2012 TITLE: APPARATUS AND METHODS FOR NETWORK INTERFACE AND SPECTRUM

MANAGEMENT

APPLICATION NUMBER: 11148784 FILING DATE: 06/09/2005 PATENT NUMBER: 7734030 FISUE DATE: 06/08/2010

TITLE: DIAL PLAN GENERATOR

APPLICATION NUMBER: 11150654 FILING DATE: 06/10/2005 PATENT NUMBER: 7623933 FISUE DATE: 11/24/2009 ISSUE DATE: 11/24/2009 PATENT NUMBER: 7623933

TITLE: METHODS AND APPARATUS FOR CONTROLLING DISPLAY IN A NETWORKED

DEVICE

APPLICATION NUMBER: 11186215 FILING DATE: 07/21/2005 PATENT NUMBER: 7706252 FILING DATE: 04/27/2010

TITLE: SYSTEM AND METHOD FOR LOCATING FAULTS IN A HYBRID FIBER COAX

(HFC) CABLE NETWORK

APPLICATION NUMBER: 11186452 FILING DATE: 07/20/2005

PATENT NUMBER: ISSUE DATE:

TITLE: METHOD AND APPARATUS FOR BOUNDARY-BASED NETWORK OPERATION

APPLICATION NUMBER: 11197716 FILING DATE: 08/04/2005

PATENT NUMBER: ISSUE DATE:

TITLE: PROCESS OF AND SYSTEM FOR SEAMLESSLY EMBEDDING EXECUTABLE PROGRAM CODE INTO MEDIA FILE FORMATS SUCH AS MP3 AND THE LIKE FOR EXECUTION BY DIGITAL MEDIA PLAYER AND VIEWING SYSTEMS

APPLICATION NUMBER: 11198620 FILING DATE: 08/04/2005

PATENT NUMBER: ISSUE DATE:

TITLE: METHOD AND APPARATUS FOR CONTEXT-SPECIFIC CONTENT DELIVERY

APPLICATION NUMBER: 11209073 FILING DATE: 08/22/2005 PATENT NUMBER: 7226040 FISUE DATE: 06/05/2007

TITLE: POWER SUPPLY WINCH SYSTEM

APPLICATION NUMBER: 11215869 FILING DATE: 08/31/2005 PATENT NUMBER: 7599300 FILING DATE: 10/06/2009

TITLE: CABLE MODEM ANALYSIS SYSTEM AND METHOD THEREFOR FOR AN HFC CABLE

NETWORK

APPLICATION NUMBER: 11215939 FILING DATE: 08/31/2005 PATENT NUMBER: 7509669 FILING DATE: 08/31/2009

TITLE: VOD TRANSACTION ERROR CORRELATOR

APPLICATION NUMBER: 11215942 PATENT NUMBER: 7716705 FILING DATE: 08/31/2005 ISSUE DATE: 05/11/2010

TITLE: REMOTE DVR MANAGER

APPLICATION NUMBER: 11215943 FILING DATE: 08/31/2005 PATENT NUMBER: 7810127 FILING DATE: 10/05/2010

TITLE: SYSTEM AND METHOD FOR EVALUATING THE OPERATIONAL STATUS OF A STB

IN A CABLE NETWORK

APPLICATION NUMBER: 11216329 FILING DATE: 08/31/2005 PATENT NUMBER: 7596800 FISUE DATE: 09/29/2009

TITLE: SYSTEM AND METHOD FOR ASSIGNING AND VERIFYING CPE SERVICE CALLS IN A CABLE NETWORK

APPLICATION NUMBER: 11240130 FILING DATE: 09/30/2005 PATENT NUMBER: 7539145 FILING DATE: 09/30/2009

TITLE: SYSTEM AND METHOD FOR DETERMINING WHETHER DOCSIS-ENABLED DEVICES IN A HFC CABLE NETWORK ARE CO-LOCATED

APPLICATION NUMBER: 11243720 FILING DATE: 10/04/2005

PATENT NUMBER: ISSUE DATE:

TITLE: SELF-MONITORING AND OPTIMIZING NETWORK APPARATUS AND METHODS

APPLICATION NUMBER: 11255571 FILING DATE: 10/21/2005 PATENT NUMBER: 7506354 ISSUE DATE: 03/17/2009

TITLE: VOD TRANSACTION ERROR CORRELATOR

APPLICATION NUMBER: 11258229 FILING DATE: 10/24/2005

PATENT NUMBER: ISSUE DATE:

TITLE: METHOD AND APPARATUS FOR ON-DEMAND CONTENT TRANSMISSION AND

CONTROL OVER NETWORKS

APPLICATION NUMBER: 11284427 FILING DATE: 11/21/2005 ISSUE DATE: 05/15/2012 PATENT NUMBER: 8181209

TITLE: METHODS AND APPARATUS FOR PROVIDING VIDEO ON DEMAND AND NETWORK

PVR FUNCTIONS USING IP STREAMING

APPLICATION NUMBER: 11291328 FILING DATE: 11/30/2005 PATENT NUMBER: 7889765 FILING DATE: 02/15/2011 TITLE: APPARATUS AND METHODS FOR UTILIZING VARIABLE RATE PROGRAM STREAMS IN A NETWORK

APPLICATION NUMBER: 11298247 FILING DATE: 12/09/2005
PATENT NUMBER. ISSUE DATE:

PATENT NUMBER: ISSUE DATE: TITLE: CAPTION DATA DELIVERY APPARATUS AND METHODS

APPLICATION NUMBER: 11299169
PATENT NUMBER: 7592912 FILING DATE: 12/09/2005 ISSUE DATE: 09/22/2009 TITLE: EMERGENCY ALERT DATA DELIVERY APPARATUS AND METHODS

APPLICATION NUMBER: 11325107 FILING DATE: 01/03/2006 PATENT NUMBER: 7693171 FILING DATE: 04/06/2010 TITLE: METHODS AND APPARATUS FOR EFFICIENT IP MULTICASTING IN A CONTENT-BASED NETWORK

APPLICATION NUMBER: 11348044 FILING DATE: 02/06/2006

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR MANAGING QUOTA GROUPS IN A METERED SERVICE ENTERPRISE

APPLICATION NUMBER: 11363577 FILING DATE: 02/27/2006 PATENT NUMBER: 7916755 FILING DATE: 03/29/2011 TITLE: METHODS AND APPARATUS FOR SELECTING DIGITAL CODING/DECODING

TECHNOLOGY FOR PROGRAMMING AND DATA DELIVERY

APPLICATION NUMBER: 11363578 FILING DATE: 02/27/2006 PATENT NUMBER: 8170065 ISSUE DATE: 05/01/2012

TITLE: METHODS AND APPARATUS FOR SELECTING DIGITAL ACCESS TECHNOLOGY FOR PROGRAMMING AND DATA DELIVERY

APPLICATION NUMBER: 11364147 FILING DATE: 02/27/2006

ISSUE DATE: PATENT NUMBER:

TITLE: METHODS AND APPARATUS FOR SELECTING DIGITAL INTERFACE TECHNOLOGY FOR PROGRAMMING AND DATA DELIVERY

APPLICATION NUMBER: 11378129 FILING DATE: 03/16/2006 PATENT NUMBER: 8347341 FILING DATE: 01/01/2013

TITLE: METHODS AND APPARATUS FOR CENTRALIZED CONTENT AND DATA DELIVERY

APPLICATION NUMBER: 11386110
PATENT NUMBER: 8291453 FILING DATE: 03/22/2006 ISSUE DATE: 10/16/2012

TITLE: SCHEDULING TRIGGER APPARATUS AND METHOD

APPLICATION NUMBER: 11440490 FILING DATE: 05/24/2006 PATENT NUMBER: 8280982 FILING DATE: 10/02/2012

TITLE: PERSONAL CONTENT SERVER APPARATUS AND METHODS

APPLICATION NUMBER: 11441476 FILING DATE: 05/24/2006

PATENT NUMBER: ISSUE DATE:

TITLE: SECONDARY CONTENT INSERTION APPARATUS AND METHODS

APPLICATION NUMBER: 11446827 FILING DATE: 06/05/2006

PATENT NUMBER: ISSUE DATE:

TITLE: TECHNIQUE FOR EFFECTIVELY PROVIDING AND PRESENTING DATA

CONCERNING ENTERTAINMENT PROGRAM VIEWING PATTERNS OF USERS

THROUGH A COMMUNICATIONS NETWORK

APPLICATION NUMBER: 11460095 FILING DATE: 07/26/2006

PATENT NUMBER: ISSUE DATE:

TITLE: SCHEDULING TRIGGER APPARATUS AND METHOD

APPLICATION NUMBER: 11500246
PATENT NUMBER: 7965703 FILING DATE: 08/07/2006 ISSUE DATE: 06/21/2011

TITLE: SYSTEM AND METHOD FOR ESTABLISHING AND ENFORCING SERVICE RULES

IN A SERVICE PROVIDER NETWORK

APPLICATION NUMBER: 11503466 FILING DATE: 08/11/2006 PATENT NUMBER: 7835507 FIRING DATE: 08/11/2006

TITLE: TELEPHONE SERVICE INTERFACE

APPLICATION NUMBER: 11584208 FILING DATE: 10/20/2006

PATENT NUMBER: ISSUE DATE:

TITLE: DOWNLOADABLE SECURITY AND PROTECTION METHODS AND APPARATUS

APPLICATION NUMBER: 11592054 FILING DATE: 11/01/2006

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR PREMISES CONTENT DISTRIBUTION

APPLICATION NUMBER: 11607173
PATENT NUMBER: 8370818 FILING DATE: 12/02/2006 ISSUE DATE: 02/05/2013

TITLE: METHODS AND APPARATUS FOR ANALYZING SOFTWARE INTERFACE USAGE

APPLICATION NUMBER: 11607584 FILING DATE: 12/01/2006 PATENT NUMBER: 7626982 ISSUE DATE: 12/01/2009

TITLE: SYSTEM AND METHOD FOR COMMUNICATION OVER AN ADAPTIVE SERVICE BUS

APPLICATION NUMBER: 11607663 FILING DATE: 12/01/2006

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR SOFTWARE PROVISIONING OF A NETWORK

DEVICE

APPLICATION NUMBER: 11615888 FILING DATE: 12/22/2006

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS, APPARATUS AND USER INTERFACE FOR PROVIDING CONTENT ON

DEMAND

APPLICATION NUMBER: 11615895 FILING DATE: 12/22/2006 PATENT NUMBER: 8438603 FILING DATE: 05/07/2013 TITLE: METHODS AND APPARATUS FOR SUPPORTING CONTENT DISTRIBUTION

APPLICATION NUMBER: 11657828 FILING DATE: 01/24/2007

PATENT NUMBER:

TITLE: APPARATUS AND METHODS FOR PROVISIONING IN A DOWNLOAD-ENABLED

SYSTEM

APPLICATION NUMBER: 11673875 FILING DATE: 02/12/2007 PATENT NUMBER: 8180200 FILING DATE: 05/15/2012

TITLE: PREVENTION OF TRICK MODES DURING DIGITAL VIDEO RECORDER (DVR)

AND NETWORK DIGITAL VIDEO RECORDER (NDVR) CONTENT

APPLICATION NUMBER: 11681774 FILING DATE: 03/03/2007

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR IMPROVED CONTENT DELIVERY INCLUDING

CONTENT DELIVERY STREAMS DYNAMICALLY POPULATED IN RESPONSE TO

USER REQUESTS

APPLICATION NUMBER: 11681776 FILING DATE: 03/03/2007

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS SUPPORTING THE RECORDING OF MULTIPLE

SIMULTANEOUSLY BROADCAST PROGRAMS COMMUNICATED USING THE SAME

COMMUNICATIONS CHANNEL

APPLICATION NUMBER: 11681777 FILING DATE: 03/03/2007

PATENT NUMBER:

ISSUE DATE:

ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR IMPLEMENTING GUIDES AND USING

RECORDING INFORMATION IN DETERMINING PROGRAM TO COMMUNICATIONS

CHANNEL MAPPINGS

APPLICATION NUMBER: 11705620 FILING DATE: 02/14/2007

ISSUE DATE: PATENT NUMBER:

TITLE: METHODS AND APPARATUS FOR CONTENT DELIVERY NOTIFICATION AND

MANAGEMENT

APPLICATION NUMBER: 11707812 FILING DATE: 02/15/2007

PATENT NUMBER: ISSUE DATE:

TITLE: BROADBAND OPTICAL NETWORK APPARATUS AND METHOD

APPLICATION NUMBER: 11712800 PATENT NUMBER: 8181206 FILING DATE: 02/28/2007

ISSUE DATE: 05/15/2012

TITLE: PERSONAL CONTENT SERVER APPARATUS AND METHODS

APPLICATION NUMBER: 11726095 FILING DATE: 03/20/2007

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR CONTENT DELIVERY AND REPLACEMENT IN A

NETWORK

APPLICATION NUMBER: 11735772 FILING DATE: 04/16/2007 ISSUE DATE: 05/10/2011 PATENT NUMBER: 7941823

TITLE: TRANSPORT STREAM ENCAPSULATED TRICK MODES

APPLICATION NUMBER: 11754714 FILING DATE: 05/29/2007

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR USING TUNERS EFFICIENTLY FOR

DELIVERING ONE OR MORE PROGRAMS

APPLICATION NUMBER: 11756868 FILING DATE: 06/01/2007

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR PROVIDING PROGRAM-RELATED CONTENT IN A

MULTI-SERVICES DISTRIBUTION SYSTEM

APPLICATION NUMBER: 11800093 FILING DATE: 05/04/2007

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR PREDICTIVE CAPACITY ALLOCATION

APPLICATION NUMBER: 11811953 FILING DATE: 06/11/2007 PATENT NUMBER: 8024762 FILING DATE: 09/20/2011 FILING DATE: 06/11/2007

TITLE: METHODS AND APPARATUS FOR PROVIDING VIRTUAL CONTENT OVER A

NETWORK

APPLICATION NUMBER: 11818236 FILING DATE: 06/13/2007 PATENT NUMBER: 7954131 FILING DATE: 05/31/2011

TITLE: PREMISES GATEWAY APPARATUS AND METHODS FOR USE IN A

CONTENT-BASED NETWORK

APPLICATION NUMBER: 11843036 FILING DATE: 08/22/2007

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHOD FOR REMOTE WIRELESS CONTROL OF DIGITAL

VIDEO RECORDERS AND THE LIKE

APPLICATION NUMBER: 11843049 FILING DATE: 08/22/2007

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHOD FOR REMOTE CONTROL OF DIGITAL VIDEO

RECORDERS AND THE LIKE

APPLICATION NUMBER: 11856474 FILING DATE: 09/17/2007 PATENT NUMBER: 8260941 FILING DATE: 09/04/2012

ISSUE DATE: 09/04/2012

TITLE: SYSTEM AND METHOD FOR DETECTING AND REPORTING CABLE MODEMS WITH

DUPLICATE MEDIA ACCESS CONTROL ADDRESSES

APPLICATION NUMBER: 11873668 FILING DATE: 10/17/2007 PATENT NUMBER: 7844736 FILING DATE: 11/30/2010

TITLE: SYSTEM AND METHOD FOR RESOLVING MTA DOMAIN NAMES

APPLICATION NUMBER: 11880945 FILING DATE: 07/24/2007 PATENT NUMBER: 7802286 FILING DATE: 09/21/2010

TITLE: METHODS AND APPARATUS FOR FORMAT SELECTION FOR NETWORK

OPTIMIZATION

APPLICATION NUMBER: 11881009 FILING DATE: 07/24/2007

PATENT NUMBER: ISSUE DATE:

TITLE: GENERATION, DISTRIBUTION AND USE OF CONTENT METADATA IN A

NETWORK

APPLICATION NUMBER: 11881034 FILING DATE: 07/24/2007 ISSUE DATE: 08/03/2010

TITLE: METHODS AND APPARATUS FOR FORMAT SELECTION FOR NETWORK

OPTIMIZATION

APPLICATION NUMBER: 11897731 FILING DATE: 08/31/2007 PATENT NUMBER: 8024607 FILING DATE: 09/20/2011 TITLE: METHODS AND APPARATUS FOR EVENT LOGGING IN AN INFORMATION NETWORK

APPLICATION NUMBER: 11897742 FILING DATE: 08/31/2007 PATENT NUMBER: 7698606 FISUE DATE: 04/13/2010 TITLE: METHODS AND APPARATUS FOR EVENT LOGGING IN AN INFORMATION NETWORK

APPLICATION NUMBER: 11904375
PATENT NUMBER: FILING DATE: 09/26/2007

ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR CONTENT CACHING IN A VIDEO NETWORK

APPLICATION NUMBER: 11904408 FILING DATE: 09/26/2007

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR DEVICE CAPABILITIES DISCOVERY AND UTILIZATION WITHIN A CONTENT-BASED NETWORK

APPLICATION NUMBER: 11930532 FILING DATE: 10/31/2007 PATENT NUMBER: 8316150 FILING DATE: 11/20/2012 TITLE: SYSTEM AND METHOD FOR REMOTELY ACCESSING CABLECARD MODULE

APPLICATION NUMBER: 11930532 FILING DATE: 10/31/2007 PATENT NUMBER: 8316150 FILING DATE: 11/20/2012 TITLE: SYSTEM AND METHOD FOR REMOTELY ACCESSING CABLECARD MODULE

APPLICATION NUMBER: 11941153
PATENT NUMBER: 8146129 FILING DATE: 11/16/2007 ISSUE DATE: 03/27/2012 TITLE: APPARATUS AND METHOD FOR PROVIDING VIDEO CONTENT AND SUPPLEMENTAL INFORMATION TO A CLIENT OVER A SWITCHED DIGITAL VIDEO CONTENT-BASED NETWORK

APPLICATION NUMBER: 11953179 FILING DATE: 12/10/2007 PATENT NUMBER: ISSUE DATE: TITLE: APPARATUS AND METHOD FOR VIDEO-ON-DEMAND PLAYLIST

APPLICATION NUMBER: 11955758 FILING DATE: 12/13/2007 PATENT NUMBER: 8413181 FILING DATE: 04/02/2013 TITLE: SYSTEM AND METHOD FOR SELECTING AND DELIVERING ADS BASED ON

CROSS-PLATFORM ACTIVITY

APPLICATION NUMBER: 11974700 FILING DATE: 10/15/2007
PATENT NUMBER: 8099757 ISSUE DATE: 01/17/2012

TITLE: METHODS AND APPARATUS FOR REVENUE-OPTIMIZED DELIVERY OF CONTENT IN A NETWORK

APPLICATION NUMBER: 12012019 FILING DATE: 01/30/2008

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR PREDICTIVE DELIVERY OF CONTENT OVER A NETWORK

APPLICATION NUMBER: 12019766 FILING DATE: 01/25/2008

PATENT NUMBER: ISSUE DATE:

TITLE: DIGITAL SET-TOP TERMINAL WITH PARTITIONED HARD DISK AND ASSOCIATED SYSTEM AND METHOD

APPLICATION NUMBER: 12021335 FILING DATE: 01/29/2008 PATENT NUMBER: 8270581 FILING DATE: 09/18/2012 TITLE: SYSTEM AND METHOD FOR DISPLAYING CALLER IDENTIFICATION INFORMATION VIA AN INSTANT MESSAGING SERVICE

APPLICATION NUMBER: 12032036 FILING DATE: 02/15/2008

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR INCREMENTAL IMPLEMENTATION OF NEW SERVICE CAPABILITIES

APPLICATION NUMBER: 12035694 FILING DATE: 02/22/2008 PATENT NUMBER: 7836142 FILING DATE: 11/16/2010 TITLE: SYSTEM AND METHOD FOR UPDATING A DYNAMIC DOMAIN NAME SERVER

APPLICATION NUMBER: 12036404 FILING DATE: 02/25/2008

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR ENABLING SYNCHRONIZED CONTENT PRESENTATIONS USING DYNAMICALLY UPDATED PLAYLISTS

APPLICATION NUMBER: 12039795 FILING DATE: 02/29/2008

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHOD FOR CONFLICT RESOLUTION IN REMOTE CONTROL OF DIGITAL VIDEO RECORDERS AND THE LIKE

APPLICATION NUMBER: 12055388 FILING DATE: 03/26/2008

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR CONTENT SHARING

APPLICATION NUMBER: 12057419 FILING DATE: 03/28/2008

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM FOR SIGNALING AN APPLICATION TO A HOST DEVICE AND METHOD THEREFOR

APPLICATION NUMBER: 12060852 FILING DATE: 04/01/2008

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR CONNECTING A CABLE NETWORK TO OTHER NETWORK AND/OR DEVICES

APPLICATION NUMBER: 12060855 PATENT NUMBER: 7970388 FILING DATE: 04/01/2008 ISSUE DATE: 06/28/2011

TITLE: METHODS AND APPARATUS FOR PROVIDING MULTIPLE COMMUNICATIONS SERVICES WITH UNIFIED PARENTAL NOTIFICATION AND/OR CONTROL FEATURES

APPLICATION NUMBER: 12070559 FILING DATE: 02/19/2008

PATENT NUMBER: ISSUE DATE: TITLE: METHODS AND APPARATUS FOR ENHANCED ADVERTISING AND PROMOTIONAL DELIVERY IN A NETWORK

APPLICATION NUMBER: 12070560 FILING DATE: 02/19/2008

ISSUE DATE: PATENT NUMBER:

TITLE: MULTI-STREAM PREMISES APPARATUS AND METHODS FOR USE IN A CONTENT-BASED NETWORK

APPLICATION NUMBER: 12070666 FILING DATE: 02/19/2008 PATENT NUMBER: 8300541 ISSUE DATE: 10/30/2012

TITLE: APPARATUS AND METHODS FOR UTILIZING STATISTICAL MULTIPLEXING TO ENSURE QUALITY OF SERVICE IN A NETWORK

APPLICATION NUMBER: 12072637 FILING DATE: 02/26/2008

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR BUSINESS-BASED NETWORK RESOURCE

ALLOCATION

APPLICATION NUMBER: 12079781 FILING DATE: 03/28/2008 PATENT NUMBER: 8095610 FILING DATE: 01/10/2012 TITLE: METHODS AND APPARATUS FOR CENTRALIZED AND DECENTRALIZED

EMERGENCY ALERT MESSAGING

APPLICATION NUMBER: 12098272 FILING DATE: 04/04/2008

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR UPGRADING SET TOP BOX DEVICES WITHOUT

THE LOSS OF STORED CONTENT

APPLICATION NUMBER: 12113575 FILING DATE: 05/01/2008 PATENT NUMBER: 8094658 FILING DATE: 01/10/2012 TITLE: SYSTEM AND METHOD FOR PROVIDING PREMIUM TRANSPORT IN A

DOCSIS-COMPLIANT CABLE NETWORK

APPLICATION NUMBER: 12117522 FILING DATE: 05/08/2008

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR EMBEDDING SUPPLEMENTARY DATA INTO DIGITAL

MEDIA FILES

APPLICATION NUMBER: 12131649 FILING DATE: 06/02/2008 PATENT NUMBER: 8379880 FILING DATE: 02/19/2013

TITLE: METHODS AND SYSTEMS FOR DETERMINING AUDIO LOUDNESS LEVELS IN

PROGRAMMING

APPLICATION NUMBER: 12136893 FILING DATE: 06/11/2008

PATENT NUMBER: ISSUE DATE:

TITLE: CUSTOMER SERVICE METHODS, APPARATUS AND REPORT/ALERT GENERATION

BASED ON CUSTOMER SERVICE CALL INFORMATION

APPLICATION NUMBER: 12141203
PATENT NUMBER: 8010594 FILING DATE: 06/18/2008 ISSUE DATE: 08/30/2011 TITLE: SYSTEM AND METHOD FOR BILLING SYSTEM INTERFACE FAILOVER

RESOLUTION

APPLICATION NUMBER: 12152749 FILING DATE: 05/15/2008 PATENT NUMBER: 8281352 FILING DATE: 10/02/2012 TITLE: METHODS AND APPARATUS FOR BANDWIDTH RECOVERY IN A NETWORK

FILING DATE: 07/25/2008 APPLICATION NUMBER: 12179650

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR SHARING DIGITAL IMAGES OVER A

CONTENT-BASED NETWORK

APPLICATION NUMBER: 12200322 FILING DATE: 08/28/2008

ISSUE DATE: PATENT NUMBER:

TITLE: SYSTEM AND METHOD FOR TAILORED VIDEO-ON-DEMAND CATALOGS

APPLICATION NUMBER: 12231204 FILING DATE: 08/28/2008 PATENT NUMBER: 8094656 FILING DATE: 01/10/2012 TITLE: METHOD AND APPARATUS FOR NETWORK BANDWIDTH CONSERVATION

APPLICATION NUMBER: 12231655 FILING DATE: 09/04/2008

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR AUDIENCE RESEARCH IN A CONTENT-BASED

NETWORK

APPLICATION NUMBER: 12235943 FILING DATE: 09/23/2008 PATENT NUMBER: 8175082 FILING DATE: 05/08/2012 TITLE: TECHNIQUE FOR COMMUNICATING INFORMATION OVER A BROADBAND

COMMUNICATIONS NETWORK

APPLICATION NUMBER: 12250686 FILING DATE: 10/14/2008 PATENT NUMBER: 8332885 FILING DATE: 12/11/2012

TITLE: SYSTEM AND METHOD FOR CONTENT DELIVERY WITH MULTIPLE EMBEDDED

MESSAGES

APPLICATION NUMBER: 12265112 FILING DATE: 11/05/2008 PATENT NUMBER: 8160068 FILING DATE: 04/17/2012

TITLE: SYSTEM AND METHOD FOR FACILITATING COMMUNICATION BETWEEN A CMTS

AND AN APPLICATION SERVER IN A CABLE NETWORK

APPLICATION NUMBER: 12267685 FILING DATE: 11/10/2008 PATENT NUMBER: 8321887 ISSUE DATE: 11/27/2012 TITLE: DISPLAYING ENHANCED ADVERTISEMENTS SIMULTANEOUSLY ACROSS SUBSTANTIALLY ALL CHANNELS

APPLICATION NUMBER: 12268407 FILING DATE: 11/10/2008 PATENT NUMBER: 7864190 FILING DATE: 01/04/2011 TITLE: METHODS AND APPARATUS FOR ENCODING AND DECODING IMAGES

APPLICATION NUMBER: 12269169 FILING DATE: 11/12/2008 PATENT NUMBER: 8204354 ISSUE DATE: 06/19/2012

TITLE: A SYSTEM AND METHOD FOR CONTROLLING A DIGITAL VIDEO RECORDER IN

RESPONSE TO A TELEPHONE STATE TRANSITION

APPLICATION NUMBER: 12284757 FILING DATE: 09/24/2008

ISSUE DATE: PATENT NUMBER:

TITLE: METHODS AND APPARATUS FOR USER-BASED TARGETED CONTENT DELIVERY

APPLICATION NUMBER: 12313628 FILING DATE: 11/21/2008 PATENT NUMBER: 8331768 FILING DATE: 12/11/2012

TITLE: TECHNIQUE FOR PROVIDING A VIRTUAL DIGITAL VIDEO RECORDER SERVICE

THROUGH A COMMUNICATIONS NETWORK

APPLICATION NUMBER: 12389724 FILING DATE: 02/20/2009 PATENT NUMBER: 7987477 ISSUE DATE: 07/26/2011 TITLE: TECHNIQUE FOR IDENTIFYING FAVORITE PROGRAM CHANNELS FOR

RECEIVING ENTERTAINMENT PROGRAMMING CONTENT OVER A

COMMUNICATIONS NETWORK

APPLICATION NUMBER: 12393981 FILING DATE: 02/26/2009

ISSUE DATE: PATENT NUMBER:

TITLE: METHODS AND APPARATUS FOR PROVIDING CHARITABLE CONTENT AND

RELATED FUNCTIONS

APPLICATION NUMBER: 12401863 FILING DATE: 03/11/2009 PATENT NUMBER: 7912194 FILING DATE: 03/22/2011 TITLE: SYSTEM AND METHOD FOR PROVIDING CALLER ID SERVICE IN A

MULTI-REGION CABLE NETWORK

APPLICATION NUMBER: 12406205 FILING DATE: 03/18/2009 PATENT NUMBER: 7839794 FILING DATE: 11/23/2010

TITLE: SYSTEM AND METHOD FOR DETERMINING WHETHER DOCSIS-ENABLED DEVICES

IN A HFC CABLE NETWORK ARE CO-LOCATED

APPLICATION NUMBER: 12406881 FILING DATE: 03/18/2009

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR NETWORK VIDEO RECORDING

APPLICATION NUMBER: 12409941 FILING DATE: 03/24/2009

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR CONTROLLING CONTENT DISTRIBUTION

APPLICATION NUMBER: 12414554 FILING DATE: 03/30/2009

PATENT NUMBER: ISSUE DATE: TITLE: PERSONAL MEDIA CHANNEL APPARATUS AND METHODS

APPLICATION NUMBER: 12414576 FILING DATE: 03/30/2009

PATENT NUMBER: ISSUE DATE: TITLE: RECOMMENDATION ENGINE APPARATUS AND METHODS

APPLICATION NUMBER: 12418977 FILING DATE: 04/06/2009

PATENT NUMBER: ISSUE DATE: TITLE: DATA TRANSFER APPLICATION MONITOR AND CONTROLLER

APPLICATION NUMBER: 12424154 FILING DATE: 04/15/2009 PATENT NUMBER: 8239506 FILING DATE: 08/07/2012

TITLE: SYSTEM AND METHOD FOR AFFECTING THE BEHAVIOR OF A NETWORK DEVICE

IN A CABLE NETWORK

APPLICATION NUMBER: 12426360 FILING DATE: 04/20/2009 PATENT NUMBER: 7949744 FISUE DATE: 05/24/2011 TITLE: SYSTEM AND METHOD FOR SYNCHRONIZING THE CONFIGURATION OF DISTRIBUTED NETWORK MANAGEMENT APPLICATIONS

APPLICATION NUMBER: 12431891 FILING DATE: 04/29/2009

PATENT NUMBER: ISSUE DATE:

TITLE: TECHNIQUE FOR PROVIDING SECURITY MEASURES FOR COMMUNICATIONS

DEVICE CONNECTABLE TO A COMMUNICATIONS NETWORK

APPLICATION NUMBER: 12432871 FILING DATE: 04/30/2009

PATENT NUMBER: ISSUE DATE:

TITLE: INTERACTIVE TELEVISION SYSTEM WITH ONE-TOUCH RECORDING AND

CONFLICT DETECTION FEATURES

APPLICATION NUMBER: 12456984 FILING DATE: 06/24/2009

PATENT NUMBER: ISSUE DATE: TITLE: BROADBAND OPTICAL NETWORK APPARATUS AND METHOD

APPLICATION NUMBER: 12456990 FILING DATE: 06/24/2009

PATENT NUMBER: ISSUE DATE: TITLE: BROADBAND OPTICAL NETWORK APPARATUS AND METHOD

APPLICATION NUMBER: 12459045 FILING DATE: 06/26/2009

PATENT NUMBER: ISSUE DATE:

TITLE: METHOD AND APPARATUS FOR ON-DEMAND CONTENT TRANSMISSION AND

CONTROL OVER NETWORKS

APPLICATION NUMBER: 12480591 FILING DATE: 06/08/2009

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR PREMISES CONTENT DISTRIBUTION

APPLICATION NUMBER: 12480597 FILING DATE: 06/08/2009

PATENT NUMBER: ISSUE DATE:

TITLE: MEDIA BRIDGE APPARATUS AND METHODS

APPLICATION NUMBER: 12487144 FILING DATE: 06/18/2009 PATENT NUMBER: 8200519 FILING DATE: 06/12/2012

TITLE: SYSTEM AND METHOD FOR MANAGING SERVICE FACILITIES IN A SERVICE

ENTERPRISE

APPLICATION NUMBER: 12496691 FILING DATE: 07/02/2009 PATENT NUMBER: 7830807 FILING DATE: 11/09/2010

TITLE: FAULT ISOLATION SYSTEM AND METHOD

APPLICATION NUMBER: 12497162 FILING DATE: 07/02/2009

PATENT NUMBER: ISSUE DATE:

TITLE: METHOD AND APPARATUS FOR NETWORK ASSOCIATION OF CONTENT

APPLICATION NUMBER: 12500751 FILING DATE: 07/10/2009

PATENT NUMBER: ISSUE DATE:

TITLE: DESTINATION BASED METHODOLOGY FOR MANAGING NETWORK RESOURCES

APPLICATION NUMBER: 12503710 FILING DATE: 07/15/2009

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR TARGETED SECONDARY CONTENT INSERTION

APPLICATION NUMBER: 12503749 FILING DATE: 07/15/2009

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR EVALUATING AN AUDIENCE IN A

CONTENT-BASED NETWORK

APPLICATION NUMBER: 12503772 FILING DATE: 07/15/2009

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR CLASSIFYING AN AUDIENCE IN A

CONTENT-BASED NETWORK

APPLICATION NUMBER: 12509103 FILING DATE: 07/24/2009 PATENT NUMBER: 8161517 FILING DATE: 04/17/2012

TITLE: SYSTEM AND METHOD FOR ASSIGNING AND VERIFYING CPE SERVICE CALLS

IN A CABLE NETWORK

APPLICATION NUMBER: 12534915 FILING DATE: 08/04/2009 PATENT NUMBER: 7930725 FILING DATE: 04/19/2011

TITLE: EARLY WARNING FAULT IDENTIFICATION AND ISOLATION SYSTEM FOR A

TWO-WAY CABLE NETWORK

APPLICATION NUMBER: 12535914 FILING DATE: 08/05/2009
PATENT NUMBER: 7926079 ISSUE DATE: 04/13/2013

TITLE: HYBRID CENTRAL/DISTRIBUTED VOD SYSTEM WITH TIERED CONTENT

STRUCTURE

APPLICATION NUMBER: 12536724 FILING DATE: 08/06/2009 PATENT NUMBER: 8341242 FILING DATE: 12/25/2012

TITLE: SYSTEM AND METHOD FOR MANAGING ENTITLEMENTS TO DATA OVER A

NETWORK

APPLICATION NUMBER: 12536724 FILING DATE: 08/06/2009 PATENT NUMBER: 8341242 FILING DATE: 12/25/2012 TITLE: SYSTEM AND METHOD FOR MANAGING ENTITLEMENTS TO DATA OVER A NETWORK

APPLICATION NUMBER: 12537192 FILING DATE: 08/06/2009 PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR LOCAL CHANNEL INSERTION IN AN ALL-DIGITAL CONTENT DISTRIBUTION NETWORK

APPLICATION NUMBER: 12537484
PATENT NUMBER: FILING DATE: 08/07/2009

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR SHARING A PAYLOAD AMONG MULTIPLE HOMED NETWORKS

APPLICATION NUMBER: 12537527 FILING DATE: 08/07/2009 PATENT NUMBER: 8265050 FILING DATE: 09/11/2012

TITLE: SYSTEM AND METHOD FOR SHARING A PAYLOAD AMONG MOBILE DEVICES IN A WIRELESS NETWORK

APPLICATION NUMBER: 12543570 FILING DATE: 08/19/2009 PATENT NUMBER: 8219436 FILING DATE: 07/10/2012 TITLE: ONLINE INSTALLATION SCHEDULING SYSTEM AND METHOD FOR CABLE SERVICES

APPLICATION NUMBER: 12544357 FILING DATE: 08/20/2009

PATENT NUMBER: ISSUE DATE:

TITLE: USER SELECTION OF SOFTWARE COMPONENTS IN A TELEVISION SET-TOP BOX

APPLICATION NUMBER: 12554126 FILING DATE: 09/04/2009 PATENT NUMBER: 8443403 FILING DATE: 05/14/2013 TITLE: METHODS AND APPARATUS FOR PROVIDING VOICE MAIL SERVICES

APPLICATION NUMBER: 12556840 FILING DATE: 09/10/2009 PATENT NUMBER: 8365007 FILING DATE: 01/29/2013

TITLE: SYSTEM FOR CONTROLLING THE STATE OF A SWITCHED DIGITAL VIDEO SYSTEM AND METHOD THEREFOR

APPLICATION NUMBER: 12563874 FILING DATE: 09/21/2009 PATENT NUMBER: 8026806 FILING DATE: 09/27/2011 TITLE: EMERGENCY ALERT DATA DELIVERY APPARATUS AND METHODS

APPLICATION NUMBER: 12573526 FILING DATE: 10/05/2009

PATENT NUMBER: ISSUE DATE:

TITLE: TECHNIQUES FOR UNGRADING SOFTWARE IN A VIDEO CONTENT NETWORK

APPLICATION NUMBER: 12576471 PATENT NUMBER: 8139569 FILING DATE: 10/09/2009 ISSUE DATE: 03/20/2012

TITLE: SYSTEM AND METHOD FOR COMMUNICATION OVER AN ADAPTIVE SERVICE BUS

APPLICATION NUMBER: 12577598 FILING DATE: 10/12/2009 PATENT NUMBER: 8265104 ISSUE DATE: 09/11/2012

TITLE: APPARATUS AND METHODS FOR MULTI-STAGE MULTIPLEXING IN A NETWORK

APPLICATION NUMBER: 12578769 FILING DATE: 10/14/2009

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR PRESENTING DURING A PROGRAMMING EVENT AN INVITATION TO FOLLOW CONTENT ON A SOCIAL MEDIA SITE

APPLICATION NUMBER: 12582619 FILING DATE: 10/20/2009

PATENT NUMBER: ISSUE DATE:

TITLE: GATEWAY APPARATUS AND METHODS FOR DIGITAL CONTENT DELIVERY IN A

NETWORK

APPLICATION NUMBER: 12582653 FILING DATE: 10/20/2009 PATENT NUMBER: 8396055 FILING DATE: 03/12/2013

TITLE: METHODS AND APPARATUS FOR ENABLING MEDIA FUNCTIONALITY IN A

CONTENT-BASED NETWORK

APPLICATION NUMBER: 12589579 FILING DATE: 10/26/2009

PATENT NUMBER: ISSUE DATE:

TITLE: TECHNIQUE FOR EFFECTIVELY PROVIDING VARIOUS ENTERTAINMENT

SERVICES THROUGH A COMMUNICATIONS NETWORK

APPLICATION NUMBER: 12608786 FILING DATE: 10/29/2009 PATENT NUMBER: 8395477 FILING DATE: 03/12/2013

TITLE: GEOGRAPHIC BASED REMOTE CONTROL

APPLICATION NUMBER: 12609697 FILING DATE: 10/30/2009

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR PROVIDING ACCESS TO PROGRAM CHANNELS

APPLICATION NUMBER: 12611006 FILING DATE: 11/02/2009

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR DEVICE AUTHORIZATION IN A PREMISES

NETWORK

APPLICATION NUMBER: 12611041 FILING DATE: 11/02/2009

PATENT NUMBER: ISSUE DATE:

TITLE: PROTECTED PREMISES NETWORK APPARATUS AND METHODS

APPLICATION NUMBER: 12618986 FILING DATE: 11/16/2009

PATENT NUMBER: ISSUE DATE:

TITLE: PROVIDING SYNDICATION FEED CONTENT ON A TELEVISION SET-TOP BOX

WITH LIMITED DECODER CAPABILITY

APPLICATION NUMBER: 12620134 FILING DATE: 11/17/2009

ISSUE DATE:

TITLE: INTERNET PROTOCOL MULTIMEDIA SUBSYSTEM VOICE-VIDEO MAIL SERVICE

OVER A HOME NETWORK

APPLICATION NUMBER: 12622740 FILING DATE: 11/20/2009
15SUE DATE: 10/30/2012

TITLE: INTERPACE FOR A MULTI-PROCESSOR GATEWAY APPARATUS AND METHOD FOR

USING THE SAME

APPLICATION NUMBER: 12622825 FILING DATE: 11/20/2009

PATENT NUMBER: ISSUE DATE:

TITLE: POLICY MANAGEMENT ARBITRATION BY SERVICE GROUP

APPLICATION NUMBER: 12623953 FILING DATE: 11/23/2009 ISSUE DATE: 01/25/2011 PATENT NUMBER: 7877155

TITLE: METHODS AND APPARATUS FOR CONTROLLING DISPLAY IN A NETWORKED

DEVICE

APPLICATION NUMBER: 12628191 FILING DATE: 11/30/2009

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR SUPPORTING VOD REQUESTS IN A SYSTEM

WITH HIERARCHICAL CONTENT STORES

APPLICATION NUMBER: 12631713 FILING DATE: 12/04/2009

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR MONITORING AND OPTIMIZING DELIVERY OF

CONTENT IN A NETWORK

APPLICATION NUMBER: 12692957 FILING DATE: 01/25/2010

ISSUE DATE: PATENT NUMBER:

TITLE: SYSTEM AND METHOD FOR QUARANTINING IP SERVICE DEVICES

APPLICATION NUMBER: 12710281 FILING DATE: 02/22/2010 ISSUE DATE: 12/13/2011 PATENT NUMBER: 8078696

TITLE: PERSONAL CONTENT SERVER APPARATUS AND METHODS

APPLICATION NUMBER: 12716131 FILING DATE: 03/02/2010

ISSUE DATE: PATENT NUMBER:

TITLE: APPARATUS AND METHODS FOR RIGHTS-MANAGED CONTENT AND DATA

DELIVERY

APPLICATION NUMBER: 12717089 FILING DATE: 03/03/2010 ISSUE DATE: 05/07/2013 PATENT NUMBER: 8438243

TITLE: PERSONAL CONTENT SERVER APPARATUS AND METHODS

APPLICATION NUMBER: 12717097 FILING DATE: 03/03/2010 PATENT NUMBER: 8046636 ISSUE DATE: 10/25/2011

TITLE: METHODS AND APPARATUS FOR EVENT LOGGING IN AN INFORMATION

NETWORK

APPLICATION NUMBER: 12718346 FILING DATE: 03/05/2010 PATENT NUMBER: 8412814 FILING DATE: 04/02/2013 FILING DATE: 03/05/2010

TITLE: SYSTEM AND METHOD FOR MANAGING THE DELIVERY OF TARGETED CONTENT

APPLICATION NUMBER: 12718371 FILING DATE: 03/05/2010

PATENT NUMBER: ISSUE DATE:

TITLE: BANDWIDTH CONSERVATION

APPLICATION NUMBER: 12718372 FILING DATE: 03/05/2010

PATENT NUMBER: ISSUE DATE:

TITLE: A SYSTEM AND METHOD FOR USING AD HOC NETWORKS IN COOPERATION

WITH SERVICE PROVIDER NETWORKS

APPLICATION NUMBER: 12726436 FILING DATE: 03/18/2010

PATENT NUMBER: ISSUE DATE:

TITLE: REMOTE DVR MANAGER

APPLICATION NUMBER: 12732859 FILING DATE: 03/26/2010

PATENT NUMBER: ISSUE DATE:

TITLE: FIBER TO THE PREMISE SERVICE DISCONNECT VIA MACRO-BENDING LOSS

APPLICATION NUMBER: 12754534 FILING DATE: 04/05/2010

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR EFFICIENT IP MULTICASTING IN A CONTENT

DELIVERY NETWORK

APPLICATION NUMBER: 12754680 FILING DATE: 04/06/2010

PATENT NUMBER: ISSUE DATE:

TITLE: USE OF MULTIPLE EMBEDDED MESSAGES IN PROGRAM SIGNAL STREAMS

APPLICATION NUMBER: 12763316 FILING DATE: 04/20/2010

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR COMMANDING A CONTROLLED DEVICE

APPLICATION NUMBER: 12764746 FILING DATE: 04/21/2010

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR PACKETIZED CONTENT DELIVERY OVER A

CONTENT DELIVERY NETWORK

APPLICATION NUMBER: 12764761 FILING DATE: 04/21/2010 PATENT NUMBER: 8122479 ISSUE DATE: 02/21/2012 TITLE: METHODS AND APPARATUS FOR PROVIDING VIRTUAL CONTENT OVER A NETWORK

APPLICATION NUMBER: 12766433 FILING DATE: 04/23/2010

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR DYNAMIC SECONDARY CONTENT AND DATA

INSERTION AND DELIVERY

APPLICATION NUMBER: 12766753 FILING DATE: 04/23/2010

PATENT NUMBER: ISSUE DATE:

TITLE: ZONE CONTROL METHODS AND APPARATUS

APPLICATION NUMBER: 12769317 FILING DATE: 04/28/2010 PATENT NUMBER: 8276303 FILING DATE: 10/02/2012

TITLE: FIREARM HAND GUARD RAIL SYSTEM

APPLICATION NUMBER: 12771179 FILING DATE: 04/30/2010

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR DETERMINING NETWORK RELATIONSHIPS WITH

UNRELIABLE DATA

APPLICATION NUMBER: 12775034 FILING DATE: 05/06/2010

PATENT NUMBER: ISSUE DATE:

TITLE: TECHNIQUE FOR PROVIDING UNINTERRUPTED SWITCHED DIGITAL VIDEO

SERVICE

APPLICATION NUMBER: 12780648 FILING DATE: 05/14/2010

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR CREATING CUSTOMIZED SERVICE RELATED

INFORMATION FOR CUSTOMER DEVICES

APPLICATION NUMBER: 12783388 FILING DATE: 05/19/2010

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR PACKETIZED CONTENT DELIVERY OVER A

CONTENT DELIVERY NETWORK

APPLICATION NUMBER: 12783414 FILING DATE: 05/19/2010

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR PACKETIZED CONTENT DELIVERY OVER A

CONTENT DELIVERY NETWORK

APPLICATION NUMBER: 12789322 FILING DATE: 05/27/2010

PATENT NUMBER: ISSUE DATE:

TITLE: DIGITAL DOMAIN CONTENT PROCESSING AND DISTRIBUTION APPARATUS AND

METHODS

APPLICATION NUMBER: 12789961 FILING DATE: 05/28/2010

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHOD FOR INCREASING UPSTREAM CAPACITY IN A

BROADBAND COMMUNICATIONS SYSTEM

APPLICATION NUMBER: 12792281 FILING DATE: 06/02/2010

PATENT NUMBER: ISSUE DATE:

TITLE: MULTICAST VIDEO ADVERTISEMENT INSERTION USING ROUTING PROTOCOLS

APPLICATION NUMBER: 12815105 FILING DATE: 06/14/2010

PATENT NUMBER: ISSUE DATE:

TITLE: TECHNIQUE FOR EFFECTIVELY UTILIZING LIMITED BANDWIDTH OF A

COMMUNICATIONS NETWORK TO DELIVER PROGRAMMING CONTENT

APPLICATION NUMBER: 12823033 FILING DATE: 06/24/2010

PATENT NUMBER: ISSUE DATE:

TITLE: OPTICAL SWITCHING AND TERMINATION APPARATUS AND METHODS

APPLICATION NUMBER: 12829104 FILING DATE: 07/01/2010

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR DATA COLLECTION, ANALYSIS AND

VALIDATION INCLUDING ERROR CORRECTION IN A CONTENT DELIVERY

NETWORK

APPLICATION NUMBER: 12834796 FILING DATE: 07/12/2010

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR CONTENT DELIVERY AND MESSAGE EXCHANGE

ACROSS MULTIPLE CONTENT DELIVERY NETWORKS

APPLICATION NUMBER: 12834801 FILING DATE: 07/12/2010

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR CONTENT MANAGEMENT AND ACCOUNT LINKING

ACROSS MULTIPLE CONTENT DELIVERY NETWORKS

APPLICATION NUMBER: 12841906 FILING DATE: 07/22/2010

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR PACKETIZED CONTENT DELIVERY OVER A

BANDWIDTH-EFFICIENT NETWORK

APPLICATION NUMBER: 12843343 FILING DATE: 07/26/2010

PATENT NUMBER: ISSUE DATE:

TITLE: METHOD TO BLOCK UNAUTHORIZED NETWORK TRAFFIC IN A CABLE DATA

NETWORK

APPLICATION NUMBER: 12843596 FILING DATE: 07/26/2010

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR SUPPORTING ELECTRONIC REQUESTS FOR

INFORMATION AND PROMOTIONS ON MULTIPLE DEVICE PLATFORMS IN AN

INTEGRATED MANNER

APPLICATION NUMBER: 12844739 FILING DATE: 07/27/2010

PATENT NUMBER: ISSUE DATE:

TITLE: MEDIA BRIDGE APPARATUS AND METHODS

APPLICATION NUMBER: 12855592 FILING DATE: 08/12/2010

PATENT NUMBER: 8166509 ISSUE DATE: 04/24/2012

TITLE: METHODS AND APPARATUS FOR FORMAT SELECTION FOR NETWORK

OPTIMIZATION

APPLICATION NUMBER: 12859964 FILING DATE: 08/20/2010

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR WI-FI ROAMING

APPLICATION NUMBER: 12860021 FILING DATE: 08/20/2010

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR MAINTAINING A COMMUNICATION SESSION

APPLICATION NUMBER: 12875974 FILING DATE: 09/03/2010

PATENT NUMBER: ISSUE DATE:

TITLE: DIGITAL DOMAIN CONTENT PROCESSING AND DISTRIBUTION APPARATUS AND METHODS

APPLICATION NUMBER: 12877062 FILING DATE: 09/07/2010

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR AUDIENCE DATA COLLECTION AND ANALYSIS IN A CONTENT DELIVERY NETWORK

APPLICATION NUMBER: 12891726 FILING DATE: 09/27/2010

PATENT NUMBER: ISSUE DATE: TITLE: DYNAMIC CHANGING TIER SERVICE ON TEST DEVICE

APPLICATION NUMBER: 12901417 FILING DATE: 10/08/2010

PATENT NUMBER; ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR ENFORCING CONTENT PROTECTION RULES

DURING DATA TRANSFER BETWEEN DEVICES

APPLICATION NUMBER: 12930023 FILING DATE: 12/23/2010

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR MANAGING PROGRAM ASSETS

APPLICATION NUMBER: 12944648 FILING DATE: 11/11/2010

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR IDENTIFYING AND CHARACTERIZING LATENCY

IN A CONTENT DELIVERY NETWORK

APPLICATION NUMBER: 12944985 FILING DATE: 11/12/2010

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS ENSURING DATA PRIVACY IN A CONTENT

DISTRIBUTION NETWORK

APPLICATION NUMBER: 12955873 FILING DATE: 11/29/2010

PATENT NUMBER: ISSUE DATE:

TITLE: TECHNIQUE FOR USAGE FORECASTING IN A SWITCHED DIGITAL VIDEO

SYSTEM

APPLICATION NUMBER: 12958078 FILING DATE: 12/01/2010

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR SUPPORTING SHARING OF CONTENT BETWEEN

MOBILE COMMUNICATIONS DEVICES AND HOME BASED DEVICES

APPLICATION NUMBER: 12972914 FILING DATE: 12/20/2010

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR OPTIMIZING SCANNING FROM A MULTI-BAND

COMMUNICATIONS DEVICE

APPLICATION NUMBER: 12987247 FILING DATE: 01/10/2011

PATENT NUMBER: ISSUE DATE:

TITLE: QUALITY FEEDBACK MECHANISM FOR BANDWIDTH ALLOCATION IN A

SWITCHED DIGITAL VIDEO SYSTEM

APPLICATION NUMBER: 13023330 FILING DATE: 02/08/2011

PATENT NUMBER: ISSUE DATE:

TITLE: DIGITAL VIDEO RECORDER (DVR) METHODS AND APPARATUS

APPLICATION NUMBER: 13023817 FILING DATE: 02/09/2011

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR UTILIZING VARIABLE RATE PROGRAM

STREAMS IN A NETWORK

APPLICATION NUMBER: 13024246 FILING DATE: 02/09/2011

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR CONTROLLED BANDWIDTH RECLAMATION

APPLICATION NUMBER: 13024260 FILING DATE: 02/09/2011

ISSUE DATE: PATENT NUMBER:

TITLE: METHODS AND APPARATUS FOR SELECTING DIGITAL CODING/DECODING

TECHNOLOGY FOR PROGRAMMING AND DATA DELIVERY

APPLICATION NUMBER: 13035152 FILING DATE: 02/25/2011

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR COORDINATED DISCOVERY OF THE STATUS OF

NETWORK ROUTES BY HOSTS IN A NETWORK

APPLICATION NUMBER: 13074634 FILING DATE: 03/29/2011

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR ASSIGNING A SERVICE FLOW CLASSIFIER TO A

DEVICE

APPLICATION NUMBER: 13079994 FILING DATE: 04/05/2011 PATENT NUMBER: 8271034 FILING DATE: 09/18/2012

TITLE: SYSTEM AND METHOD FOR ESTABLISHING AND ENFORCING SERVICE RULES

IN A SERVICE PROVIDER NETWORK

APPLICATION NUMBER: 13086443 FILING DATE: 04/14/2011 PATENT NUMBER: 8411831 FILING DATE: 04/02/2013

TITLE: CALL CENTER MAPPING SYSTEM AND METHOD

APPLICATION NUMBER: 13094992 FILING DATE: 04/27/2011

PATENT NUMBER: ISSUE DATE:

TITLE: MULTI-LINGUAL AUDIO STREAMING

APPLICATION NUMBER: 13096028 FILING DATE: 04/28/2011
PATENT NUMBER: 8429280 ISSUE DATE: 04/23/2013

ISSUE DATE: 04/23/2013 PATENT NUMBER: 8429280

TITLE: SYSTEMS AND METHODS FOR MAINTAINING A MEASURE OF SESSION TIME ON

A NETWORKED DEVICE

APPLICATION NUMBER: 13101931 FILING DATE: 05/05/2011

PATENT NUMBER: ISSUE DATE:

TITLE: HANDOFF MANAGEMENT IN A MULTI-LAYER WIRELESS NETWORK

APPLICATION NUMBER: 13117851 FILING DATE: 05/27/2011

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR VARIABLE DELAY COMPENSATION IN

NETWORKS

APPLICATION NUMBER: 13118192 FILING DATE: 05/27/2011 PATENT NUMBER: 8438607 FILING DATE: 05/07/2013 FILING DATE: 05/27/2011

TITLE: PREMISES GATEWAY APPARATUS AND METHODS FOR USE IN A

CONTENT-BASED NETWORK

APPLICATION NUMBER: 13157285 FILING DATE: 06/09/2011

PATENT NUMBER: ISSUE DATE:

TITLE: TECHNIQUES FOR PREFIX SUBNETTING

APPLICATION NUMBER: 13165947 FILING DATE: 06/22/2011

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR PRESENTING SOCIAL NETWORK CONTENT IN

CONJUNCTION WITH VIDEO CONTENT

APPLICATION NUMBER: 13171315 FILING DATE: 06/28/2011

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR AUTOMATED DEVICE TESTING IN CONTENT

DISTRIBUTION NETWORK

APPLICATION NUMBER: 13189524
PATENT NUMBER: 8126958 FILING DATE: 07/24/2011

ISSUE DATE: 02/28/2012

TITLE: SYSTEM AND METHOD FOR BILLING SYSTEM INTERFACE FAILOVER

RESOLUTION

APPLICATION NUMBER: 13213817 FILING DATE: 08/19/2011

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR REDUCED SWITCHING DELAYS IN A CONTENT

DISTRIBUTION NETWORK

APPLICATION NUMBER: 13232582 FILING DATE: 09/14/2011

PATENT NUMBER: ISSUE DATE:

TITLE: EMERGENCY COMMUNICATION SYSTEM AND NOTIFICATIONS

APPLICATION NUMBER: 13236487 FILING DATE: 09/19/2011 PATENT NUMBER: 8321723 FILING DATE: 11/27/2012

TITLE: METHODS AND APPARATUS FOR EVENT LOGGING IN AN INFORMATION

NETWORK

APPLICATION NUMBER: 13237678 FILING DATE: 09/20/2011

PATENT NUMBER: ISSUE DATE:

TITLE: FIREWALL ACCESS CONTROL WITH BORDER GATEWAY PROTOCOL ATTRIBUTES

APPLICATION NUMBER: 13237901
PATENT NUMBER: FILING DATE: 09/20/2011

PATENT NUMBER: ISSUE DATE:

TITLE: TECHNIQUES FOR ASSIGNING INTERNET PROTOCOL VERSION SIX NETWORK

BLOCKS IN UNKNOWN NETWORKS

APPLICATION NUMBER: 13238986 FILING DATE: 09/21/2011

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR CUSTOMIZING VIDEO SERVICES PROVIDED TO

CUSTOMERS IN HOTELS

APPLICATION NUMBER: 13240462 FILING DATE: 09/22/2011

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR COMMUNICATING MESSAGES BETWEEN MOBILE

COMMUNICATIONS DEVICES AND INTERNET ENABLED DEVICES

APPLICATION NUMBER: 13245316 FILING DATE: 09/26/2011

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR WATERMARKING AND DISTRIBUTING

WATERMARKED CONTENT

APPLICATION NUMBER: 13245474 FILING DATE: 09/26/2011

PATENT NUMBER: ISSUE DATE:

TITLE: EMERGENCY ALERT DATA DELIVERY APPARATUS AND METHODS

APPLICATION NUMBER: 13245657 FILING DATE: 09/26/2011

PATENT NUMBER: ISSUE DATE:

TITLE: METHOD AND APPARATUS FOR NETWORK CONTENT DOWNLOAD AND RECORDING

APPLICATION NUMBER: 13250290 FILING DATE: 09/30/2011

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR CLONING A WI-FI ACCESS POINT

APPLICATION NUMBER: 13281308 FILING DATE: 10/25/2011

PATENT NUMBER: ISSUE DATE:

TITLE: RESOURCE INSTALLATION MANAGEMENT IN A WIRELESS NETWORK

APPLICATION NUMBER: 13313933 FILING DATE: 12/07/2011

PATENT NUMBER: ISSUE DATE:

TITLE: MECHANISM FOR ESTABLISHING REPUTATION IN A NETWORK ENVIRONMENT

APPLICATION NUMBER: 13315356 FILING DATE: 12/09/2011

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEMS AND METHODS FOR ELECTRONIC PAYMENT USING A MOBILE DEVICE

FOR BILLING TO A SUBSCRIBER ACCOUNT

APPLICATION NUMBER: 13315394 FILING DATE: 12/09/2011

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR MANAGING INCOMING AND OUTGOING EMAIL

MESSAGES

APPLICATION NUMBER: 13323616 FILING DATE: 12/12/2011

ISSUE DATE:

TITLE: MEDIA EXTENSION APPARATUS AND METHODS FOR USE IN AN INFORMATION

NETWORK

APPLICATION NUMBER: 13333444 FILING DATE: 12/21/2011

ISSUE DATE: PATENT NUMBER: TITLE: ADAPTIVE BIT RATES IN MULTICAST COMMUNICATIONS

APPLICATION NUMBER: 13340905 FILING DATE: 12/30/2011

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR RESOLVING A DNS REQUEST USING METADATA

APPLICATION NUMBER: 13340914 FILING DATE: 12/30/2011

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR IMPROVING SCROLLING THROUGH PROGRAM

CHANNEL LISTINGS

APPLICATION NUMBER: 13342727 FILING DATE: 01/03/2012

PATENT NUMBER: ISSUE DATE:

TITLE: EXCLUDING SPECIFIC APPLICATION TRAFFIC FROM CUSTOMER CONSUMPTION

DATA

APPLICATION NUMBER: 13346582 FILING DATE: 01/09/2012

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR CENTRALIZED AND DECENTRALIZED

EMERGENCY ALERT MESSAGING

APPLICATION NUMBER: 13346606 FILING DATE: 01/09/2012

PATENT NUMBER: ISSUE DATE:

TITLE: METHOD AND APPARATUS FOR NETWORK BANDWIDTH CONSERVATION

APPLICATION NUMBER: 13349823 FILING DATE: 01/13/2012

PATENT NUMBER: ISSUE DATE:

TITLE: MANAGEMENT OF COMMUNICATIONS AND SOCIAL NETWORKS IN

AREA-SPECIFIC WIRELESS REGIONS

APPLICATION NUMBER: 13351185 FILING DATE: 01/16/2012

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR REVENUE-OPTIMIZED DELIVERY OF CONTENT

IN A NETWORK

APPLICATION NUMBER: 13354195 FILING DATE: 01/19/2012

PATENT NUMBER: ISSUE DATE:

TITLE: SPLIT SIGNAL BANDS IN A MULTI-DIRECTIONAL REPEATER DEVICE

APPLICATION NUMBER: 13355235 FILING DATE: 01/20/2012

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR PROVIDING INDIVIDUAL SERVICE

SUBSCRIBERS CONTENT RELATED SERVICES AT ONE OR MORE LOCATIONS

APPLICATION NUMBER: 13355925 FILING DATE: 01/23/2012

PATENT NUMBER: ISSUE DATE:

TITLE: TRANSITIONING VIDEO BETWEEN TELEVISION AND TABLET COMPUTER OR

THE LIKE

APPLICATION NUMBER: 13357760 FILING DATE: 01/25/2012

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR HOME SECURITY MONITORING USING A

TELEVISION SET-TOP BOX

APPLICATION NUMBER: 13361856 FILING DATE: 01/30/2012

PATENT NUMBER: ISSUE DATE:

TITLE: GATEWAY APPARATUS AND METHODS FOR PROVIDING CONTENT AND DATA

DELIVERY IN A FIBER-BASED CONTENT DELIVERY NETWORK

APPLICATION NUMBER: 13370621 FILING DATE: 02/10/2012

PATENT NUMBER: ISSUE DATE:

TITLE: REMOTE ACTIVATION OF MOBILE APPLICATIONS

APPLICATION NUMBER: 13400524 FILING DATE: 02/20/2012

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR PROVIDING VIRTUAL CONTENT OVER A

METWORK

APPLICATION NUMBER: 13402818 FILING DATE: 02/22/2012

PATENT NUMBER: ISSUE DATE: TITLE: PERSONAL MEDIA CHANNEL APPARATUS AND METHODS

APPLICATION NUMBER: 13403802 FILING DATE: 02/23/2012

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR PROVIDING CONTENT TO AN IP-ENABLED

DEVICE IN A CONTENT DISTRIBUTION NETWORK

APPLICATION NUMBER: 13403814 FILING DATE: 02/23/2012

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR CONTENT DISTRIBUTION TO PACKET-ENABLED

DEVICES VIA A NETWORK BRIDGE

APPLICATION NUMBER: 13405034 FILING DATE: 02/24/2012 PATENT NUMBER: 8341246 FILING DATE: 12/25/2012

TITLE: PERSONAL CONTENT SERVER APPARATUS AND METHODS

APPLICATION NUMBER: 13408163 FILING DATE: 02/29/2012

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM FOR REDUCING ENERGY CONSUMPTION OF A DEVICE AND A METHOD

THEREFOR

APPLICATION NUMBER: 13419945 FILING DATE: 03/14/2012

ISSUE DATE: PATENT NUMBER:

TITLE: SYSTEM AND METHOD FOR DELIVERING COMPRESSED APPLICATIONS

APPLICATION NUMBER: 13427606 FILING DATE: 03/22/2012

PATENT NUMBER: ISSUE DATE:

TITLE: USE OF DNS INFORMATION AS TRIGGER FOR DYNAMIC IPV4 ADDRESS

ALLOCATION

APPLICATION NUMBER: 13429240 FILING DATE: 03/23/2012

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR MANAGING DELIVERY OF CONTENT IN A

NETWORK WITH LIMITED BANDWIDTH USING PRE-CACHING

APPLICATION NUMBER: 13437621 FILING DATE: 04/02/2012

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR ENSURING DELIVERY OF GEOGRAPHICALLY

RELEVANT CONTENT

APPLICATION NUMBER: 13439683 FILING DATE: 04/04/2012

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR AUTOMATED HIGHLIGHT REEL CREATION IN A

CONTENT DELIVERY NETWORK

APPLICATION NUMBER: 13441355 FILING DATE: 04/06/2012

ISSUE DATE: PATENT NUMBER:

TITLE: VARIABILITY IN AVAILABLE LEVELS OF QUALITY OF ENCODED CONTENT

APPLICATION NUMBER: 13445500 FILING DATE: 04/12/2012

ISSUE DATE: PATENT NUMBER:

TITLE: HANDOFFS BETWEEN ACCESS POINTS IN A WI-FI ENVIRONMENT

APPLICATION NUMBER: 13445775 FILING DATE: 04/12/2012

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR ENABLING MEDIA OPTIONS IN A CONTENT

DELIVERY NETWORK

APPLICATION NUMBER: 13451112 FILING DATE: 04/19/2012

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR PROVIDING VIDEO ON DEMAND AND NETWORK

PVR FUNCTIONS USING IP STREAMING

APPLICATION NUMBER: 13451396 FILING DATE: 04/19/2012

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR DYNAMIC DELIVERY OF OPTICAL AND

NON-OPTICAL CONTENT IN A NETWORK

APPLICATION NUMBER: 13452797 FILING DATE: 04/20/2012

PATENT NUMBER: ISSUE DATE:

TITLE: NETWORK SERVICE PROVIDER ASSISTED PAYMENT FRAUD DETECTION AND

MITIGATION METHODS AND APPARATUS

APPLICATION NUMBER: 13453853 FILING DATE: 04/23/2012

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR FORMAT SELECTION FOR NETWORK

OPTIMIZATION

APPLICATION NUMBER: 13455031 FILING DATE: 04/24/2012

ISSUE DATE: PATENT NUMBER:

TITLE: CONVENIENT WIFI NETWORK ACCESS USING UNIQUE IDENTIFIER VALUE

APPLICATION NUMBER: 13460673 FILING DATE: 04/30/2012

PATENT NUMBER:

TITLE: METHODS AND APPARATUS FOR SELECTING DIGITAL ACCESS TECHNOLOGY

ISSUE DATE:

FOR PROGRAMMING AND DATA DELIVERY

APPLICATION NUMBER: 13461520 FILING DATE: 05/01/2012

PATENT NUMBER: ISSUE DATE: TITLE: MEDIA SERVICES TRANSPORT FORMAT CONVERTER

APPLICATION NUMBER: 13463550 FILING DATE: 05/03/2012

PATENT NUMBER: ISSUE DATE:

TITLE: ESTABLISHING NETWORK CONNECTIVITY BASED ON LOCATION

APPLICATION NUMBER: 13468451 FILING DATE: 05/10/2012

PATENT NUMBER: ISSUE DATE:

TITLE: MEDIA SYNCHRONIZATION WITHIN HOME NETWORK USING SET-TOP BOX AS

GATEWAY

APPLICATION NUMBER: 13468453 FILING DATE: 05/10/2012

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS THAT FACILITATE SHARING OF VIEWING

INFORMATION VIA NETWORKING SITES AND PROMOTE TV CHAT GROUPS

APPLICATION NUMBER: 13468564 FILING DATE: 05/10/2012

PATENT NUMBER: ISSUE DATE:

TITLE: POWER FLUCTUATION DETECTION AND ANALYSIS

APPLICATION NUMBER: 13471200 FILING DATE: 05/14/2012

PATENT NUMBER: ISSUE DATE: TITLE: PERSONAL CONTENT SERVER APPARATUS AND METHODS

APPLICATION NUMBER: 13480292 FILING DATE: 05/24/2012

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR PROVIDING MULTI-SOURCE BANDWIDTH

SHARING MANAGEMENT

APPLICATION NUMBER: 13485822 FILING DATE: 05/31/2012

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR DELIVERING APPLICATION DATA TO

APPLICATIONS

APPLICATION NUMBER: 13491851 FILING DATE: 06/08/2012

PATENT NUMBER: ISSUE DATE:

TITLE: WIRELESS SESSION CONFIGURATION PERSISTENCE

APPLICATION NUMBER: 13493740 FILING DATE: 06/11/2012

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR IMPLEMENTATION OF NETWORK SOFTWARE

INTERFACES

APPLICATION NUMBER: 13531575 FILING DATE: 06/24/2012

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARTUS FOR PROVIDING PARENTAL OR GUARDIAN CONTROL

AND VISUALIZATION OVER COMMUNICATIONS TO VARIOUS DEVICES IN THE

APPLICATION NUMBER: 13539014 FILING DATE: 06/29/2012

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR CAPTURING NETWORK USAGE DATA

APPLICATION NUMBER: 13539058 FILING DATE: 06/29/2012

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR MANAGING BATTERY USAGE OF A MOBILE DEVICE

APPLICATION NUMBER: 13539093 FILING DATE: 06/29/2012

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR MANAGING PERFORMANCE OF A MOBILE DEVICE

APPLICATION NUMBER: 13543414 FILING DATE: 07/06/2012

PATENT NUMBER: ISSUE DATE: TITLE: EMERGENCY ALERT SYSTEM METHODS AND APPARATUS

APPLICATION NUMBER: 13548076 FILING DATE: 07/12/2012

PATENT NUMBER: ISSUE DATE:

TITLE: CALL MANAGEMENT AND NOTIFICATIONS IN MEDIA PLAYER APPLICATIONS

APPLICATION NUMBER: 13548102 FILING DATE: 07/12/2012

PATENT NUMBER: ISSUE DATE:

TITLE: MULTI-FORMAT DISTRIBUTION OF CONTENT

APPLICATION NUMBER: 13550359 FILING DATE: 07/16/2012

PATENT NUMBER: ISSUE DATE: TITLE: MULTI-STREAM SHARED COMMUNICATION CHANNELS

APPLICATION NUMBER: 13551186 FILING DATE: 07/17/2012

PATENT NUMBER: ISSUE DATE:

TITLE: REMOTE MEDIA STREAMING

APPLICATION NUMBER: 13551422 FILING DATE: 07/17/2012

PATENT NUMBER: ISSUE DATE:

TITLE: TECHNIQUES FOR PROVISIONING LOCAL MEDIA PLAYERS WITH CONTENT

APPLICATION NUMBER: 13554395 FILING DATE: 07/20/2012

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR IP MULTICAST

APPLICATION NUMBER: 13554728 FILING DATE: 07/20/2012

PATENT NUMBER: ISSUE DATE: TITLE: TRANSITIONING VIDEO CALL BETWEEN DEVICES

APPLICATION NUMBER: 13564684 FILING DATE: 08/01/2012

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR MONITORING AND/OR COLLECTING

VIEWERSHIP STATISTICS

APPLICATION NUMBER: 13585651 FILING DATE: 08/14/2012 PATENT NUMBER: ISSUE DATE:

PATENT NUMBER: ISSUE DATE:

TITLE: LIGHTWEIGHT POLLING TECHNIQUE

APPLICATION NUMBER: 13593506 FILING DATE: 08/23/2012

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS THAT SUPPORT ADDRESSABLE INTERACTIVE

APPLICATIONS

APPLICATION NUMBER: 13596969 FILING DATE: 08/28/2012

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR CONTROLLING DIGITAL VIDEO RECORDERS

APPLICATION NUMBER: 13598111 FILING DATE: 08/29/2012

PATENT NUMBER: ISSUE DATE: TITLE: REMOTE CONTROL INCLUDING TOUCH-SENSING SURFACE

APPLICATION NUMBER: 13600064 FILING DATE: 08/30/2012

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR ENABLING LOCATION-BASED SERVICES

WITHIN A PREMISES

APPLICATION NUMBER: 13600765 FILING DATE: 08/31/2012

PATENT NUMBER: ISSUE DATE:

TITLE: WIRELESS MESH NETWORK CONFIGURATION

APPLICATION NUMBER: 13608800 FILING DATE: 09/10/2012

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR MULTI-STAGE MULTIPLEXING IN A NETWORK

APPLICATION NUMBER: 13608969 FILING DATE: 09/10/2012

PATENT NUMBER: ISSUE DATE:

TITLE: TECHNIQUE FOR SECURELY COMMUNICATING AND STORING PROGRAMMING

MATERIAL IN A TRUSTED DOMAIN

APPLICATION NUMBER: 13619951 FILING DATE: 09/14/2012

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR PROVIDING ENHANCED OR INTERACTIVE

FEATURES

APPLICATION NUMBER: 13622956 FILING DATE: 09/19/2012

PATENT NUMBER: ISSUE DATE:

TITLE: NOTIFICATION IN A NETWORK ENVIRONMENT

APPLICATION NUMBER: 13624194 FILING DATE: 09/21/2012

PATENT NUMBER: ISSUE DATE:

TITLE: CALL MANAGEMENT AND NOTIFICATIONS IN MEDIA PLAYER APPLICATIONS

APPLICATION NUMBER: 13631103 FILING DATE: 09/28/2012

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR AUTOMATICALLY LEARNING AND MAINTAINING IP

ADDRESS ALLOCATION TOPOLOGY

APPLICATION NUMBER: 13632964 FILING DATE: 10/01/2012

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR BANDWIDTH RECOVERY IN A NETWORK

APPLICATION NUMBER: 13663219 FILING DATE: 10/29/2012

PATENT NUMBER: ISSUE DATE:

TITLE: METHODS AND APPARATUS FOR HARDWARE REGISTRATION IN A NETWORK

DEVICE

APPLICATION NUMBER: 13666029 FILING DATE: 11/01/2012

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR ENHANCED ADVERTISING IN A VIDEO CONTENT

NETWORK

APPLICATION NUMBER: 13666175 FILING DATE: 11/01/2012

PATENT NUMBER: ISSUE DATE:

TITLE: SOFTWARE INCREMENTAL LOADER

APPLICATION NUMBER: 13671956 FILING DATE: 11/08/2012

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR DELIVERING MEDIA BASED ON VIEWER BEHAVIOR

APPLICATION NUMBER: 13683345 FILING DATE: 11/21/2012

PATENT NUMBER: ISSUE DATE:

TITLE: SYSTEM AND METHOD FOR CONTENT DELIVERY WITH MULTIPLE EMBEDDED

MESSAGES

APPLICATION NUMBER: 61601249 FILING DATE: 02/21/2012

PATENT NUMBER: ISSUE DATE:

TITLE: REMOTE MEDIA STREAMING

APPLICATION NUMBER: 61670082 FILING DATE: 07/10/2012

PATENT NUMBER: ISSUE DATE:

TITLE: APPARATUS AND METHODS FOR SELECTIVE ENFORCEMENT OF SECONDARY

CONTENT VIEWING

APPLICATION NUMBER: FILING DATE: PATENT NUMBER: ISSUE DATE:

PCT NUMBER: US2010056958

TITLE:

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

# PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Contribution Agreement

### **CONVEYING PARTY DATA**

Name	Execution Date
Time Warner Cable Inc.	12/31/2012

### RECEIVING PARTY DATA

Name:	Time Warner Cable Enterprises LLC
Street Address:	60 Columbus Circle
City:	New York
State/Country:	NEW YORK
Postal Code:	10023

### PROPERTY NUMBERS Total: 386

Property Type	Number
Patent Number:	7266726
Patent Number:	8024607
Patent Number:	7698606
Patent Number:	8046636
Patent Number:	8321723
Patent Number:	8302111
Application Number:	13663219
Application Number:	10773664
Patent Number:	8078669
Application Number:	13323616
Application Number:	10881979
Application Number:	12497162
Patent Number:	8201191
Application Number:	13493740
Patent Number:	8095098
	PATENT

**REEL: 037489 FRAME: 0320** 

**RECORDED: 01/13/2016**