

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT6837856

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THE DIRECTV GROUP, INC.	07/28/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DIRECTV, LLC
<b>Street Address:</b>	2260 EAST IMPERIAL HWY.
<b>City:</b>	EL SEGUNDO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	90245
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11603632
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(404)815-6555
<i>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.</i>	
<b>Phone:</b>	4048156500
<b>Email:</b>	dhart@kilpatricktownsend.com
<b>Correspondent Name:</b>	KILPATRICK TOWNSEND & STOCKTON LLP
<b>Address Line 1:</b>	1100 PEACHTREE STREET NE, SUITE 2800
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309-4528
<b>NAME OF SUBMITTER:</b>	DANI N. HART
<b>SIGNATURE:</b>	/Dani N. Hart/
<b>DATE SIGNED:</b>	07/29/2021
<b>Total Attachments: 59</b>	
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## PATENT ASSIGNMENT AGREEMENT

THIS PATENT ASSIGNMENT AGREEMENT (this “Agreement”), dated as of July 28, 2021, is made by and between The DIRECTV Group, Inc., a Delaware corporation, with its principal business address at 2260 East Imperial Hwy., El Segundo, California 90245 (“Assignor”), and DIRECTV, LLC, a California limited liability company, with its principal business address at 2260 East Imperial Hwy., El Segundo, California 90245 (“Assignee”).

**WHEREAS**, Assignor is the owner of rights, title and interest in certain patents (the “Patents”) and certain patent applications (the “Patent Applications”) including, but not limited to, those set forth in Exhibit A attached hereto, and Assignor desires to assign, and transfer and contribute the Patents and Patent Applications to Assignee pursuant to the AGREEMENT OF CONTRIBUTION AND SUBSCRIPTION dated February 25, 2021; and

**WHEREAS**, Assignee desires to assume and accept, all of the right, title and interest of Assignor in and to all the Patents and the Patent Applications;

**NOW, THEREFORE**, in consideration of mutual covenants and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound, Assignor agrees as follows:

1. Agrees to assign, transfer, convey, and contribute; hereby assigns, transfers, conveys and contributes; and has assigned, transferred, conveyed, and contributed to Assignee all of Assignor’s right, title and interest in and to:
  - (a) the Patents and the Patent Applications, the right to claim priority to the Patents and the Patent Applications, including, without limitation, all applications that are provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent applications or applications for other rights based on the Patents and Patent Applications;
  - (b) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to the Patents and the Patent Applications; and
  - (c) all claims for damages by reason of past infringement of any rights under (a) or (b) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee’s own use;


2. Agrees to authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to Assignee any and all patents, or other rights or documents, resulting from the patents and patent applications described in Paragraph 1 of this Agreement.
3. Agrees to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at Assignee's expense, perform any other acts that are necessary in connection with prosecution of the patent applications described in paragraph 1 of this Agreement and the enforcement of patents or other rights resulting from such patent applications.
4. Agrees that the terms, covenants, and conditions of this Agreement shall inure to the benefit of the Assignee, its successor, assign and other legal representative, and shall be binding upon Assignor, as well as its successor, assign and other legal representative.
5. THIS AGREEMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF DELAWARE, WITHOUT GIVING EFFECT TO ANY CHOICE OR CONFLICT OF LAW PROVISION OR RULE (WHETHER OF THE STATE OF DELAWARE OR ANY OTHER JURISDICTION) THAT WOULD CAUSE THE APPLICATION OF THE LAWS OF ANY JURISDICTION OTHER THAN THOSE OF THE STATE OF DELAWARE.
6. This Agreement may be executed in one or more counterparts which may be delivered by facsimile or as an attachment to an email transmission, each of which shall be considered an original, but all of which together shall be considered one and the same agreement.
7. The invalidity of any provision or provisions of this Agreement shall not affect the validity of any other provision or provisions of this Agreement, which shall remain in full force and effect.
8. This Agreement and all of the provisions hereof shall be binding upon and inure to the benefit of the parties, their heirs and their respective successors and permitted assignees. There are no third party beneficiaries to this Agreement.
9. Neither this Agreement nor any uncertainty or ambiguity herein shall be construed or resolved against any party, whether under any rule of construction or otherwise. No party to this Agreement shall be considered the draftsman. The parties acknowledge and agree that this Agreement has been reviewed, negotiated, and accepted by all parties and their attorneys and shall be construed and interpreted according to the ordinary meaning of the words used so as fairly to accomplish the purposes and intentions of all parties hereto.

*[Signature Page Follows]*

**IN WITNESS WHEREOF**, the parties have caused this Agreement to be duly executed on the date first above written.


**ASSIGNOR:**

THE DIRECTV GROUP, INC.

By:   
Name: Jeston B. Dumas  
Title: Treasurer

**ASSIGNEE:**

DIRECTV, LLC

By:   
Name: Jeston B. Dumas  
Title: Assistant Treasurer

**EXHIBIT A**

<b>Docket Number</b>	<b>Country</b>	<b>Relation Type</b>	<b>Application No.</b>	<b>Patent No.</b>	<b>Title</b>
DTV084123	United States	Continuation-In-Part	07/228793	6819849	Intrusion Detection System For Secure Fiber Optics
DTV086440	United States	Original Filing	07/172120	6747607	Radiation Power Limiter
DTV089417	United States	Original Filing	09/973269	6559797	Overlapping Subarray Patch Antenna System
DTV096315	United States	Original Filing	08/949988	7198230	Method And System For Maximizing Satellite Constellation Coverage
DTV200006	United States	Original Filing	09/676065	6445359	Low Noise Block Down Converter Adapter With Built-In Multi-Switch For A Satellite Dish Antenna
DTV200008	United States	Original Filing	10/101799	8321892	Method And Apparatus For Filtering Data Displayed In An Electronic Television Program Guide
DTV200017	United States	Original Filing	09/677691	7661119	Method And Apparatus For Providing Non-Resident Program Guide Information To A Media Subscriber
DTV200019	United States	Original Filing	09/677565	6922844	Method And Apparatus For Distinguishing Program Guides According To Originating Network
DTV200027	United States	Continuation	14/179853	9781483	Digital Over-The-Air Entertainment System and Method for Operating the Same
DTV200036	United States	Original Filing	09/703605	6388634	Multi-Beam Antenna Communication System And Method
DTV200036	United States	Continuation	10/093117	6781555	Multi-Beam Antenna Communication System And Method
DTV200042	Japan	Original Filing	2001-222191	4246414	Secure Storage And Replay Of Media Programs Using A Hard-Paired Receiver And Storage Device
DTV200042	United States	Original Filing	09/620833	8140859	Secure Storage And Replay Of Media Programs Using A Hard-Paired Receiver And Storage Device
DTV200043	United States	Original Filing	09/621476	7203311	Super Encrypted Storage And Retrieval Of Media Programs In A Hard-Paired Receiver And Storage Device
DTV200045	United States	Original Filing	09/620772	7457414	Super Encrypted Storage And Retrieval Of Media Programs With Smartcard Generated Keys
DTV200046	United States	Original Filing	10/003545	7085529	Method And Apparatus For Determining A Direct-To-Home Satellite Receiver Multi-Switch Type
DTV200050	United States	Original Filing	09/735861	6891813	Dynamic Cell Cdma Code Assignment System And Method

Docket Number	Country	Relation Type	Application No.	Patent No.	Title
DTV200051	United States	Original Filing	09/612465	6751458	Architecture Utilizing Frequency Reuse In Accommodating User-Link And Feeder-Link Transmissions
DTV200052	United States	Original Filing	09/664695	6351240	Circularly Polarized Reflect Array Using 2-Bit Phase Shifter Having Initial Phase Perturbation
DTV200055	United States	Original Filing	09/620832	6853728	Video On Demand Pay Per View Services With Unmodified Conditional Access Functionality
DTV200057	United States	Original Filing	09/666257	7164844	Method And Apparatus For Facilitating Reverse Playback
DTV200058	Israel	Original Filing	146205	146205	Multiple-Beam Antenna Employing Dielectric Filled Feeds For Multiple And Closely Spaced Satellites
DTV200058	United States	Original Filing	09/736712	6593893	Multiple-Beam Antenna Employing Dielectric Filled Feeds For Multiple And Closely Spaced Satellites
DTV200063	United States	Continuation	09/947422	6914557	Micro Cell Architecture For Mobile User Tracking Communication System
DTV200064	United States	Continuation-In-Part	09/644225	6757546	Synchronization Method And Apparatus For Multi-Platform Communication System
DTV200066	United States	Continuation-In-Part	09/587960	7215954	Resource Allocation Method For Multi-Platform Communication System
DTV200074	United States	Original Filing	09/702264	6504505	Phase Control Network For Active Phased Array Antennas
DTV200075	United States	Original Filing	09/594375	6725013	Communication System Having Frequency Reuse In Non-Blocking Manner
DTV200077	United States	Original Filing	09/810769	6940899	System Employing Data Compression Transparent Mode With Compression Parameter Negotiation
DTV200084	United States	Original Filing	09/652862	7257418	Rapid User Acquisition By A Ground-Based Beamformer
DTV200092	United States	Original Filing	09/594374	7200360	Communication System As A Secondary Platform With Frequency Reuse
DTV200093	United States	Original Filing	09/718973	6567052	Stratospheric Platform System Architecture With Adjustment Of Antenna Boresight Angles
DTV200095	United States	Original Filing	09/945483	7245599	Application Of Complex Codes To Maximize User Link Utilization
DTV200101	United States	Original Filing	09/661725	7317916	Stratospheric-Based Communication System For Mobile Users Using Additional Phased Array Elements For Interference Rejection



Docket Number	Country	Relation Type	Application No.	Patent No.	Title
DTV200101	United States	Continuation	11/928577	7890052	Stratospheric-Based Communication System For Mobile Users Using Additional Phased Array Elements For Interference Rejection
DTV200105	United States	Original Filing	09/732836	6340949	Multiple Beam Phased Array With Aperture Partitioning
DTV200108	United States	Original Filing	09/661967	7720472	Stratospheric-Based Communication System Having Interference Cancellation
DTV200114	United States	Original Filing	09/655498	6941138	Concurrent Communications Between A User Terminal And Multiple Stratospheric Transponder Platforms
DTV200120	United States	Original Filing	09/649355	6868269	Integrating Coverage Areas Of Multiple Transponder Platforms
DTV200121	United States	Original Filing	09/661726	6763242	Resource Assignment System And Method For Determining The Same
DTV200124	United States	Original Filing	09/644226	6513758	High Altitude Platform Control System
DTV200153	United States	Original Filing	09/732498	7360231	System For Obtaining Data Regarding Customer Use Of Interactive Television
DTV200153	United States	Continuation	12/072264	7793324	System For Obtaining Data Regarding Customer Use Of Interactive Television
DTV200157	United States	Original Filing	09/721353	6917627	Hybrid Satellite Communications System
DTV200165	United States	Original Filing	09/992992	6611238	Method And Apparatus For Reducing Earth Station Interference From Non-Gso And Terrestrial Sources
DTV200166	United States	Continuation	13/545592	8966527	System And Method For Media Inserts In A Media Distribution System
DTV200176	United States	Original Filing	09/960824	7409562	Method And Apparatus For Encrypting Media Programs For Later Purchase And Viewing
DTV200176	United States	Original Filing	10/490261	7797552	Method And Apparatus For Controlling Paired Operation Of A Conditional Access Module And An Integrated Receiver And Decoder
DTV200176	United States	Division	12/172901	8677152	Method And Apparatus For Encrypting Media Programs For Later Purchase And Viewing
DTV200178	United States	Continuation-In-Part	11/434537	7313520	Adaptive Variable Bit Rate Audio Compression Encoding
DTV200181	Taiwan	Original Filing	91108800	197481	Layered Modulation For Digital Signals
DTV200184	United States	Original Filing	10/302416	7000241	Method And Apparatus For Minimizing Conditional Access Information Overhead While Ensuring Conditional Access Information Reception In Multi-Tuner Receivers

Docket Number	Country	Relation Type	Application No.	Patent No.	Title
DTV200187	United States	Original Filing	09/709835	6889384	Simplified Interactive User Interface For Multi-Video Channel Navigation
DTV200187	United States	Division	10/731768	8752105	Simplified Interactive User Interface For Multi-Video Channel Navigation
DTV200206	United States	Original Filing	10/464228	8997157	Audio/Video Satellite Broadcast Network
DTV200208	United States	Original Filing	10/640111	8347333	Modified Electronic Program Guide
DTV200211	United States	Original Filing	09/870323	7240357	Simultaneous Tuning Of Multiple Satellite Frequencies
DTV200211	United States	Continuation	11/820956	7774814	Simultaneous Tuning Of Multiple Satellite Frequencies
DTV200218	United States	Continuation-In-Part	12/275498	8332449	Sample Generation Method And System For Digital Simulation Processes
DTV200226	United States	Original Filing	10/038174	7376159	Exploitation Of Null Packets In Packetized Digital Television Systems
DTV200228	United States	Continuation-In-Part	10/165710	7778365	Satellite Twta On-Line Non-Linearity Measurement
DTV200238	United States	Original Filing	09/654924	6505795	Application Of Carbon Fiber Mesh For Space And Airborne Platform Applications
DTV200246	United States	Original Filing	10/291165	6965755	Comprehensive Network Monitoring At Broadcast Satellite Sites Located Outside Of The Broadcast Service Area
DTV200246	United States	Continuation	11/222085	7580708	Comprehensive Network Monitoring At Broadcast Satellite Sites Located Outside Of The Broadcast Service Area
DTV200249	United States	Continuation	13/332978	8705435	Device And Method For Nodal Multiple Access Into Communications Channels
DTV200249	United States	Continuation	14/257864	9059780	Device And Method For Nodal Multiple Access Into Communications Channels
DTV200271	United States	Original Filing	09/967616	7020463	Methodology For Mobile User Terminals In Broadband Systems
DTV200275	United States	Original Filing	09/735860	6952580	Multiple Link Internet Protocol Mobile Communications System And Method Therefor
DTV200277	United States	Original Filing	09/839851	7068616	Multiple Dynamic Connectivity For Satellite Communications Systems
DTV200279	United States	Original Filing	09/878855	6868292	Device Control Via Digitally Stored Program Content
DTV200288	United States	Original Filing	09/818230	8046799	Daypart Based Navigation Paradigm

Docket Number	Country	Relation Type	Application No.	Patent No.	Title
DTV200289	United States	Original Filing	10/758865	7580523	Distribution Of Video Content Using Client To Host Pairing Of Integrated Receivers/Decoders
DTV200290	United States	Original Filing	10/758811	7599494	Distribution Of Video Content Using A Trusted Network Key For Sharing Content
DTV200291	United States	Continuation-In-Part	10/236414	7822154	Signal, Interference And Noise Power Measurement
DTV200292	United States	Original Filing	10/758818	7548624	Distribution Of Broadcast Content For Remote Decryption And Viewing
DTV200294	United States	Original Filing	09/761202	6922845	Multi-Processor Dvr
DTV200297	United States	Continuation-In-Part	09/837844	8312490	Dvr With Enhanced Functionality
DTV200299	United States	Original Filing	09/967691	7236508	Application Of Complex Codes To Maximize Feeder Link Utilization
DTV200326	Israel	Original Filing	146926	146926	System And Method For Managing Return Channel Bandwidth In A Two-Way Satellite System
DTV200326	United States	Original Filing	09/783850	6650869	System And Method For Managing Return Channel Bandwidth In A Two-Way Satellite System
DTV200332	United States	Original Filing	10/441505	7369660	Methods And Apparatus For Distributing Digital Content
DTV200335	Israel	Original Filing	154657	154657	Multiple Nonvolatile Memories
DTV200336	Israel	Original Filing	154656	154656	Hidden Identification
DTV200336	United States	Continuation-In-Part	11/862101	8583922	Hidden Identification
DTV200337	Israel	Original Filing	154658	154658	Dedicated Nonvolatile Memory
DTV200343	United States	Original Filing	10/011831	7042956	Method And System For Utilizing Space-Time Codes For Block Fading Channels
DTV200343	United States	Continuation	11/504898	7415076	Method And System For Utilizing Space-Time Codes For Block Fading Channels
DTV200344	United States	Division	11/231691	7315570	Method And System For Utilizing Space-Time And Space-Frequency Codes For Multi-Input Multi-Output Frequency Selective Fading Channels
DTV200344	United States	Continuation	11/983590	7483476	Method And System For Utilizing Space-Time And Space-Frequency Codes For Multi-Input Multi-Output Frequency Selective Fading Channels
DTV200345	United States	Continuation	12/011658	8374272	Space-Time Coded Ofdm System For Mmcs Applications
DTV200346	United States	Original Filing	10/011631	7177365	Space-Time Trellis Code For Orthogonal Frequency Division Multiplexing (Ofdm)

Docket Number	Country	Relation Type	Application No.	Patent No.	Title
DTV200349	United States	Continuation	11/880812	7551856	Methods And Apparatus For Controlling Multiple Infrared Devices
DTV200350	United States	Original Filing	10/851838	9071861	Video Loop Apparatus And Methods For Use With Digital Television Systems
DTV200351	United States	Original Filing	10/046841	8782691	Time Shifted Targeted Advertisements Based Upon User Profiles
DTV200354	United States	Original Filing	09/999038	6492917	System And Method For Implementation Of The Yk Lossless Data Compression Algorithm Using A Modular Computational Architecture
DTV200356	United States	Original Filing	10/012950	7010054	Method And System For Utilizing Space-Time Overlays For Convolutionally Coded Systems
DTV200358	United States	Original Filing	10/426732	9066131	Advertising Spots For Fast-Forward Play
DTV201005	United States	Original Filing	09/858956	7187949	Multiple Basestation Communication System Having Adaptive Antennas
DTV201005	United States	Continuation	11/652946	7929984	Multiple Basestation Communication System Having Adaptive Antennas
DTV201006	Canada	Original Filing	2433391	2433391	Adaptive Basestation Architecture For Mobile & Mmds Application
DTV201006	United States	Continuation	13/771601	8706167	Communication System For Mobile Users Using Adaptive Antenna
DTV201007	United States	Original Filing	10/017249	6941107	Stratospheric Platform Based Surface Vehicle Tracking And Mobile Data Network
DTV201014	United States	Continuation	12/207462	7920643	Maximizing Power And Spectral Efficiencies For Layered And Conventional Modulations
DTV201015	United States	Original Filing	09/858989	7809403	Stratospheric Platforms Communication System Using Adaptive Antennas
DTV201026	United States	Original Filing	09/893268	6466181	Multi-Satellite Antenna Mast Alignment System
DTV201029	Canada	Original Filing	2435650	2435650	Method And System For Delivering Mobile Direct To Home Entertainment Services
DTV201032	United States	Original Filing	09/976651	7206501	Method And Apparatus For Identifying Mpeg Picture Coding Types
DTV201033	Israel	Original Filing	168226	168226	Amplitude And Phase Matching For Layered Modulation Reception
DTV201033	United States	Original Filing	10/532524	7474710	Amplitude And Phase Matching For Layered Modulation Reception
DTV201034	United States	Continuation-In-Part	09/967753	7181162	Communication System Using Multiple Link Terminals

Docket Number	Country	Relation Type	Application No.	Patent No.	Title
DTV201035	United States	Continuation-In-Part	09/967757	7103317	Communication System Using Multiple Link Terminals For Aircraft
DTV201039	United States	Original Filing	09/882479	6411516	Copper Slug Pedestal For A Printed Circuit Board
DTV201069	France	Original Filing	04251439.8	1458142	Adaptation Of Dial-Up Devices To Broadband Facilities
DTV201069	Great Britain	Original Filing	04251439.8	1458142	Adaptation Of Dial-Up Devices To Broadband Facilities
DTV201069	Germany	Original Filing	04251439.8	602004040104.8	Adaptation Of Dial-Up Devices To Broadband Facilities
DTV201069	Italy	Original Filing	502013902127434	1458142	Adaptation Of Dial-Up Devices To Broadband Facilities
DTV201069	United States	Continuation	12/410352	7860118	Adaptation Of Dial-Up Devices To Broadband Facilities
DTV201076	United States	Original Filing	10/305490	7068975	Systems And Methods For Sharing Uplink Bandwidth Among Satellites In A Common Orbital Slot
DTV201077	United States	Original Filing	10/947624	7532860	Method Of Using Feedback From Consumer Terminals To Adaptively Control A Satellite System
DTV201093	United States	Original Filing	09/910161	7299484	Method And Apparatus For Adaptive Channel Selection
DTV201093	United States	Continuation	11/867563	7886321	Method And Apparatus For Adaptive Channel Selection
DTV201105	United States	Original Filing	10/813948	8782711	Satellite Television Network And Near Real-Time Method For Downloading And Verifying A Subscriber Remote Record Request
DTV201105	United States	Continuation	14/298615	9191710	Satellite Television Network And Near Real-Time Method For Downloading And Verifying A Subscriber Remote Record Request
DTV201116	United States	Original Filing	09/938443	7197550	Automated Configuration Of A Virtual Private Network
DTV201122	United States	Original Filing	10/040773	7953087	Content Filtering Using Static Source Routes
DTV201123	United States	Original Filing	09/996277	7020720	Apparatus And Method For Providing A Globally Routable Bypass Ip Address To A Host Computer On A Private Network
DTV201124	United States	Original Filing	09/996276	7313606	System And Method For Automatic Configuration Of A Bi-Directional Ip Communication Device

Docket Number	Country	Relation Type	Application No.	Patent No.	Title
DTV201129	United States	Original Filing	09/978452	7610602	Method, System And Computer Program Product For Aircraft Multimedia Distribution
DTV201131	United States	Continuation	14/285457	9043823	Detecting And Logging Triggered Events In A Data Stream
DTV201133	United States	Continuation	12/141797	7650420	System And Method For Content Filtering
DTV201134	United States	Original Filing	09/929323	7154912	System And Method For Provisioning Broadband Service In A Pppoe Network Using A List Of Stored Domain Names
DTV201142	United States	Original Filing	10/866291	7684409	Efficient Message Delivery In A Multi-Channel Uni-Directional Communications System
DTV201144	United States	Original Filing	10/900845	7391434	Video Bit Stream Test
DTV201144	United States	Continuation	12/110689	7710454	Video Bit Stream Test
DTV201147	United States	Continuation-In-Part	10/913927	7639759	Carrier To Noise Ratio Estimations From A Received Signal
DTV201148	United States	Continuation-In-Part	10/068039	7245671	Preprocessing Signal Layers In A Layered Modulation Digital Signal System To Use Legacy Receivers
DTV201154	United States	Original Filing	10/142703	7260159	Method And Apparatus For Providing Higher Order Modulation That Is Backwards Compatible With Quaternary Phase Shift Keying (Qpsk) Or Offset Quaternary Phase Shift Keying (Oqpsk)
DTV201154	United States	Continuation	11/879607	8199847	Method And Apparatus For Providing Higher Order Modulation That Is Backwards Compatible With Quaternary Phase Shift Keying (Qpsk) Or Offset Quaternary Phase Shift Keying (Oqpsk)
DTV201157	United States	Original Filing	10/074765	9894379	System And Methodology For Video Compression
DTV201157	United States	Continuation	15/866626	10674176	System And Methodology For Video Compression
DTV201157	United States	Continuation	16/860506	11064214	System And Methodology For Video Compression
DTV201157	United States	Continuation	17/342796		System And Methodology For Video Compression
DTV201158	United States	Original Filing	10/255344	7954127	Direct Broadcast Signal Distribution Methods
DTV201161	France	Original Filing	03004320.2	1345437	Asynchronous Configuration
DTV201161	Great Britain	Original Filing	03004320.2	1345437	Asynchronous Configuration
DTV201161	Germany	Original Filing	03004320.2	60346446.7	Asynchronous Configuration
DTV201161	Israel	Original Filing	154659	154659	Asynchronous Configuration
DTV201161	Italy	Original Filing	502014902292910	1345437	Asynchronous Configuration
DTV201161	Spain	Original Filing	03004320.2	1345437	Asynchronous Configuration
DTV201161	United States	Original Filing	10/085860	7275163	Asynchronous Configuration
DTV201165	United States	Original Filing	10/051933	6996564	Proactive Internet Searching Tool

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DTV201175	United States	Original Filing	10/827809	8112779	Automatic Reporting Of Antenna Installation
DTV201176	United States	Original Filing	10/444042	7367039	System And Method For Evaluating Callback Functionality In A Satellite Television Network
DTV201176	United States	Continuation	12/075779	7937731	System And Method For Evaluating Callback Functionality In A Satellite Television Network
DTV201181	United States	Original Filing	10/993656	7861132	Adaptive Error Correction
DTV201181	United States	Continuation	12/966903	8136007	Adaptive Error Correction
DTV201198	United States	Original Filing	10/425120	7424160	Methods And Apparatus For Monitoring Compressed Bitstreams
DTV201198	United States	Continuation	12/105580	7596278	Methods And Apparatus For Monitoring Compressed Bitstreams
DTV201201	United States	Original Filing	10/209165	7930712	Apparatus And Method For Processing Content Signals From Multiple Signal Sources
DTV201202	United States	Original Filing	10/127643	6683547	Method And System For Data Compression With Dictionary Pre-Load Of A Set Of Expected Character Strings
DTV201203	United States	Original Filing	10/061867	6847682	Method, System, Device And Computer Program Product For MPEG Variable Bit Rate (VBR) Video Traffic Classification Using A Nearest Neighbor Classifier
DTV201206	United States	Original Filing	10/079992	7379653	Audio-Video Synchronization For Digital Systems
DTV201211	United States	Original Filing	10/295431	7512136	Apparatus And Method For Preserving Routable Ip Addresses Using Arp Proxy
DTV201219	United States	Original Filing	10/192963	7099661	Risk-Time Protection Backup System
DTV2015-0868	United States	Original Filing	15/211900	10462145	Method And Apparatus For Controlling Access To Custom Browser Functionality
DTV2015-0868	United States	Continuation	16/664874	11038890	Method And Apparatus For Controlling Access To Custom Browser Functionality
DTV2015-0868	United States	Continuation	17/347424		Method And Apparatus For Controlling Access To Custom Browser Functionality
DTV2015-0904	United States	Original Filing	15/245704	10419558	Methods And Systems For Provisioning A User Profile On A Media Processor
DTV2015-0904	United States	Continuation	16/532931		Methods And Systems For Provisioning A User Profile On A Media Processor

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DTV2015-0904	United States	Continuation	Docketed - (D)		Methods And Systems For Provisioning A User Profile On A Media Processor
DTV2015-0906	United States	Original Filing	15/189202	10944806	Method To Insert Program Boundaries In Linear Video For Adaptive Bitrate Streaming
DTV2015-0906	United States	Continuation	17/143537		Method To Insert Program Boundaries In Linear Video For Adaptive Bitrate Streaming
DTV2015-0940	United States	Original Filing	15/221014	9918129	Apparatus And Method For Providing Programming Information For Media Content To A Wearable Device
DTV2015-0940	United States	Continuation	15/879147	10433011	Apparatus And Method For Providing Programming Information For Media Content To A Wearable Device
DTV2015-0949	United States	Original Filing	15/219813	10205906	Method and Apparatus To Present Multiple Audio Content
DTV2015-0949	United States	Continuation	16/102026	10812752	Method And Apparatus To Present Multiple Audio Content
DTV2015-0960	United States	Original Filing	15/445397	10440439	Method And Apparatus For Media Content Streaming And Reminder Notifications
DTV2015-0984	United States	Original Filing	15/365166	10306329	Facilitating Mixed Service Use Of Bonded Satellite Transponders
DTV2015-0984	United States	Continuation	16/238180	10750247	Facilitating Mixed Service Use Of Bonded Satellite Transponders
DTV2015-1034	United States	Original Filing	15/251059	10028016	Methods And Systems For Providing Multiple Video Content Streams
DTV2015-1034	United States	Continuation	16/011078	10491946	Methods And Systems For Providing Multiple Video Content Streams
DTV2015-1148	United States	Original Filing	15/217577	10110336	Determining Ambient Noise In A Device Under Test Electromagnetic Compatibility Test Environment
DTV2015-1148	United States	Continuation	16/149986	10425178	Determining Ambient Noise In A Device Under Test Electromagnetic Compatibility Test Environment
DTV2015-1170	United States	Original Filing	15/250261	9913061	Methods And Systems For Rendering Binaural Audio Content
DTV2015-1170	United States	Continuation	15/879028	10129680	Methods And Systems For Rendering Binaural Audio Content



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DTV2015-1170	United States	Continuation	16/159122	10419865	Methods And Systems For Rendering Binaural Audio Content
DTV2016-0028	United States	Original Filing	15/447171	10419796	Broadband Backup To Satellite-Based Set-Top Boxes
DTV2016-0103	United States	Original Filing	15/015848	9912977	Method And System For Controlling A User Receiving Device Using Voice Commands
DTV2016-0103	United States	Continuation	15/876978	10708645	Method And System For Controlling A User Receiving Device Using Voice Commands
DTV2016-0244	United States	Original Filing	15/236927	10306076	Triplexer Signal Combiner
DTV2016-0363	United States	Original Filing	15/625284	10491952	Scalable Calculation Of The Similarity Content Graph
DTV2016-0476	United States	Original Filing	15/289626	10223359	Determining Recommended Media Programming From Sparse Consumption Data
DTV2016-0476	United States	Continuation	16/292063		Determining Recommended Media Programming From Sparse Consumption Data
DTV2016-0514	United States	Original Filing	15/596773	10231020	Sports Recommender System Utilizing Content Based Filtering
DTV2016-0583	United States	Original Filing	15/363416	10123061	Creating A Manifest File At A Time Of Creating Recorded Content
DTV202006	United States	Original Filing	10/339002	8561096	Distributed Storage And Processing Of Viewing Usage Data
DTV202021	United States	Original Filing	10/532582	7173977	Method And Apparatus For Tailoring Carrier Power Requirements According To Availability In Layered Modulation Systems
DTV202024	United States	Original Filing	10/319046	7984476	Reusable Application Software For Generating Interactive Television Applications
DTV202045	United States	Original Filing	11/119712	7590243	Digital Media Conditional Access System For Handling Digital Media Content
DTV202046	United States	Original Filing	11/501985	9325944	Secure Delivery Of Program Content Via A Removal Storage Medium
DTV202046	United States	Continuation	15/138150	9876990	Secure Delivery Of Program Content Via A Removable Storage Medium
DTV202052	United States	Original Filing	10/313780	7844994	System And Method For Persistent Storage Of Common User Information For Interactive Television Using A Centrally Located Repository

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DTV202052	United States	Continuation	12/939510	8666941	System And Method For Persistent Storage Of Common User Information For Interactive Television Using A Centrally Located Repository
DTV202053	United States	Original Filing	10/434352	7895615	Media Delivery Assurance In Broadcast Distribution Services
DTV202065	United States	Continuation-In-Part	10/295476	7149219	System And Method For Content Filtering Using Static Source Routes
DTV202065	United States	Continuation	11/490685	8085774	System And Method For Content Filtering Using Static Source Routes
DTV202073	United States	Original Filing	10/680862	8484671	Receiver Interface With Multiple Access Cards
DTV202074	Israel	Original Filing	168228	168228	Feeder Link Configurations To Support Layered Modulation For Digital Signals
DTV202074	Israel	Division	202384	202384	Feeder Link Configurations To Support Layered Modulation For Digital Signals
DTV202074	United States	Original Filing	10/532631	7423987	Feeder Link Configurations To Support Layered Modulation For Digital Signals
DTV202074	United States	Division	12/190526	8259641	Feeder Link Configurations To Support Layered Modulation For Digital Signals
DTV202074	United States	Division	13/600883	8804605	Feeder Link Configurations To Support Layered Modulation For Digital Signals
DTV202085	United States	Original Filing	10/464312	7607107	On-Screen User Interface Device
DTV202087	United States	Original Filing	10/339949	6693587	Antenna/Feed Alignment System For Reception Of Multibeam Dbs Signals
DTV202091	United States	Original Filing	10/426664	7647221	Audio Level Control For Compressed Audio
DTV202096	United States	Original Filing	10/790465	7343375	Collection And Correlation Over Time Of Private Viewing Usage Data
DTV202097	United States	Original Filing	10/790466	7801303	Video On Demand In A Broadcast Network
DTV202102	United States	Continuation	11/784758	7948559	Method And Apparatus For Lipsync Measurement And Correction
DTV202107	United States	Original Filing	10/660952	7912226	Automatic Measurement Of Audio Presence And Level By Direct Processing Of An Mpeg Data Stream
DTV202107	United States	Continuation	13/053019	8848928	Automatic Measurement Of Audio Presence And Level By Direct Processing Of An Mpeg Data Stream
DTV202109	Israel	Original Filing	165765	165765	Improving Hierarchical 8Psk Performance
DTV202109	Taiwan	Original Filing	92117948	I324463	Improving Hierarchical 8Psk Performance
DTV202109	United States	Continuation	12/176533	7577213	Hierarchical 8Psk Performance

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DTV202111	Israel	Original Filing	165649	165649	Method And Apparatus For Layered Modulation
DTV202118	China	Original Filing	0410100591.6	ZL200410100591.6	Coherent Averaging For Measuring Traveling Wave Tube Amplifier Nonlinearity
DTV202118	France	Original Filing	04256234.8	1523103	Coherent Averaging For Measuring Traveling Wave Tube Amplifier Nonlinearity
DTV202118	Great Britain	Original Filing	04256234.8	1523103	Coherent Averaging For Measuring Traveling Wave Tube Amplifier Nonlinearity
DTV202118	Israel	Original Filing	164482	164482	Coherent Averaging For Measuring Traveling Wave Tube Amplifier Nonlinearity
DTV202118	Netherlands	Original Filing	04256234.8	1523103	Coherent Averaging For Measuring Traveling Wave Tube Amplifier Nonlinearity
DTV202118	Spain	Original Filing	04256234.8	1523103	Coherent Averaging For Measuring Traveling Wave Tube Amplifier Nonlinearity
DTV202118	United States	Continuation-In-Part	10/962346	7502430	Coherent Averaging For Measuring Traveling Wave Tube Amplifier Nonlinearity
DTV202123	United States	Original Filing	10/400726	7380265	System For Monitoring Direct Broadcast Wireless Signals
DTV202123	United States	Continuation	12/077169	8015587	System For Monitoring Direct Broadcast Wireless Signals
DTV202126	United States	Continuation	12/496467	8099749	Viewer Data Collection System And Method For Use In A Direct Broadcast Satellite Television Network
DTV202128	United States	Continuation-In-Part	10/693140	7184489	Optimization Technique For Layered Modulation
DTV202129	United States	Continuation-In-Part	10/691133	7184473	Equalizers For Layered Modulated And Other Signals
DTV202129	United States	Continuation	11/656662	7583728	Equalizers For Layered Modulated And Other Signals
DTV202129	United States	Continuation	12/404253	8208526	Equalizers For Layered Modulated And Other Signals
DTV202130	Taiwan	Original Filing	92129498	I324467	Lower Complexity Layered Modulation Signal Processor
DTV202131	United States	Original Filing	10/532509	7230480	Estimating The Operating Point On A Non-Linear Traveling Wave Tube Amplifier
DTV202133	United States	Continuation	11/879306	7688384	Personal Multimedia Device Video Format Conversion Across Multiple Video Formats
DTV202150	United States	Continuation-In-Part	10/961579	7502429	Equalization For Traveling Wave Tube Amplifier Nonlinearity Measurements

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DTV203002	United States	Continuation	10/791934	7530108	Multiprocessor Conditional Access Module And Method For Using The Same
DTV203004	United States	Continuation	10/792484	8122215	Method And Apparatus For Verifying Memory Contents
DTV203014	United States	Original Filing	11/097615	7987486	System Architecture For Control And Signal Distribution On Coaxial Cable
DTV203019	United States	Original Filing	10/687474	8025571	Television Interactive Gaming Having Local Storage Of Game Portal
DTV203022	United States	Original Filing	10/607744	7132609	Chassis Spring Finger Tortuous Path With Improved Manufacturability
DTV203022	United States	Division	11/528229	7581303	Method Of Manufacturing A Chassis Assembly To Reduce Electromagnetic Interference
DTV203033	United States	Original Filing	10/843766	8707373	Method And System For Providing Digital Video Distribution
DTV203058	United States	Original Filing	11/205249	8763059	Method And Apparatus For Connecting Satellite Receiver Telephone Modems Over Coaxial Cable
DTV203061	United States	Division	12/005217	7591432	Method And System For Kitting Smart Cards With A Shrink Wrap License
DTV203071	United States	Original Filing	10/934606	7673297	Automatic Software Update Detection And Flexible Installer For Set-Top Boxes
DTV203071	United States	Continuation	12/686219	8347281	Automatic Software Update Detection And Flexible Installer For Set-Top Boxes
DTV203076	United States	Original Filing	10/723617	7195161	Smart Card Reader
DTV203092	United States	Original Filing	11/015705	7202833	Tri-Head Kakuka Feed For Single-Offset Dish Antenna
DTV203092	United States	Continuation	11/712327	7466282	Tri-Head Kakuka Feed For Single-Offset Dish Antenna
DTV204008	United States	Original Filing	10/849101	7492749	Method And System For Providing Multi-Input-Multi-Output (Mimo) Downlink Transmission
DTV204008	United States	Continuation	12/363455	8243706	Method And System For Providing Multi-Input-Multi-Output (Mimo) Downlink Transmission
DTV204008	United States	Continuation	13/566701	8902840	Method And System For Providing Multi-Input-Multi-Output (Mimo) Downlink Transmission
DTV204014	United States	Continuation	13/053100	8532294	Just In Time Delivery Of Entitlement Control Messages (Ecms) And Other Essential Data Elements For Television Programming
DTV204035	Hong Kong	Division	11102054.6	HK1148129	Method And Apparatus For Minimizing Co-Channel Interference By Scrambling

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DTV204043	Canada	Original Filing	2619638	2619638	Code Design And Implementation Improvements For Low Density Parity Check Codes For Wireless Routers Using 802.11N Protocol
DTV204043	China	Original Filing	0680032866.4	ZL200680032866.4	Code Design And Implementation Improvements For Low Density Parity Check Codes For Wireless Routers Using 802.11N Protocol
DTV204043	France	Original Filing	06803113.7	1938541	Code Design And Implementation Improvements For Low Density Parity Check Codes For Wireless Routers Using 802.11N Protocol
DTV204043	Great Britain	Original Filing	06803113.7	1938541	Code Design And Implementation Improvements For Low Density Parity Check Codes For Wireless Routers Using 802.11N Protocol
DTV204043	Germany	Original Filing	06803113.7	602006057447.9	Code Design And Implementation Improvements For Low Density Parity Check Codes For Wireless Routers Using 802.11N Protocol
DTV204043	Hong Kong	Original Filing	09101882.0	HK1124701	Code Design And Implementation Improvements For Low Density Parity Check Codes For Wireless Routers Using 802.11N Protocol
DTV204043	Japan	Original Filing	2008-530195	4875088	Code Design And Implementation Improvements For Low Density Parity Check Codes For Wireless Routers Using 802.11N Protocol
DTV204043	South Korea	Original Filing	1020087008362	10-0948758	Code Design And Implementation Improvements For Low Density Parity Check Codes For Wireless Routers Using 802.11N Protocol
DTV204043	United States	Original Filing	11/222084	7562280	Code Design And Implementation Improvements For Low Density Parity Check Codes For Wireless Routers Using 802.11N Protocol
DTV204043	United States	Continuation	12/496443	8615697	Code Design And Implementation Improvements For Low Density Parity Check Codes For Wireless Routers Using 802.11N Protocol
DTV204043	United States	Continuation	14/137665	9203492	Code Design And Implementation Improvements For Low Density Parity Check Codes For Wireless Routers Using 802.11N Protocol
DTV204044	United States	Original Filing	11/351760	7480848	Methods And Apparatus To Select Tornado Error Correction Parameters
DTV204044	United States	Continuation	12/332052	8301958	Methods And Apparatus To Select Tornado Error Correction Parameter
DTV204051	United States	Original Filing	11/376055	7817184	Methods And Apparatus To Test Receivers

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DTV204053	United States	Original Filing	11/831821	7844213	Reducing Spectral Roll-Off Factors To Increase Spectral Efficiency
DTV204055	United States	Continuation-In-Part	11/376813	9485010	Adaptive Coding And Modulation For Spot-Beam Satellite Broadcast
DTV204056	United States	Original Filing	11/305853	7738768	Method And Apparatus For Increasing The Quality Of Service For Digital Video Services For Mobile Reception
DTV204057	United States	Original Filing	11/097482	8024759	Backwards-Compatible Frequency Translation Module For Satellite Video Delivery
DTV204057	United States	Continuation	13/212341	8689263	Backwards-Compatible Frequency Translation Module For Satellite Video Delivery
DTV204058	United States	Original Filing	11/097479	7950038	Transponder Tuning And Mapping
DTV204059	United States	Original Filing	11/097724	8549565	Power Balancing Signal Combiner
DTV204059	United States	Continuation	14/042599	8839312	Power Balancing Signal Combiner
DTV204060	United States	Original Filing	11/097480	7958531	Automatic Level Control For Incoming Signals Of Different Signal Strengths
DTV204061	United States	Original Filing	11/097481	8621525	Signal Injection Via Power Supply
DTV204062	United States	Original Filing	11/097625	7945932	Narrow Bandwidth Signal Delivery System
DTV205007	United States	Original Filing	11/320318	8023883	Method And Apparatus For Controlling Handoffs In A Mobile System
DTV205010	United States	Division	13/768116	8978084	Presentation Modes For Various Format Bit Streams
DTV205012	United States	Division	14/047932	9277193	Digital Storage Media Command And Control Data Indexing
DTV205016	Canada	Original Filing	2621056	2621056	Network Fraud Prevention Via Registration And Verification
DTV205016	United States	Original Filing	11/219418	7937732	Network Fraud Prevention Via Registration And Verification
DTV205016	United States	Continuation	13/093642	9936171	Network Fraud Prevention Via Registration And Verification
DTV205023	United States	Original Filing	11/346499	8531275	Remote Control Mode On-Screen Displays And Methods For Producing The Same
DTV205028	United States	Original Filing	11/274771	7663560	Antenna Pointing Aid
DTV205032	United States	Original Filing	11/513992	8056099	Mosaic Channel Video Stream With Interactive Services
DTV205032	United States	Continuation	13/278872	9282290	Mosaic Channel Video Stream With Interactive Services

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DTV205034	United States	Original Filing	11/510244	7961880	Methods And Apparatuses For Determining Scrambling Codes For Signal Transmission
DTV205035	United States	Original Filing	11/509929	8677403	Administrative Tool For Video Programming
DTV205037	United States	Original Filing	11/523218	7788694	Multiple Dwelling Unit Satellite Television Delivery System
DTV205037	United States	Continuation	12/846699	8627382	Multiple Dwelling Unit Satellite Television Delivery System
DTV205040	United States	Original Filing	11/434404	8775319	Secure Content Transfer Systems And Methods To Operate The Same
DTV205040	United States	Continuation	14/321436	9811789	Secure Content Transfer Systems And Methods To Operate The Same
DTV205040	United States	Continuation	15/724918	10977631	Secure Content Transfer Systems And Methods To Operate The Same
DTV205040	United States	Continuation	17/301722		Secure Content Transfer Systems And Methods To Operate The Same
DTV205041	United States	Original Filing	11/434437	8001565	Methods And Apparatus To Conditionally Authorize Content Delivery At Receivers In Pay Delivery Systems
DTV205043	United States	Original Filing	11/433969	7992175	Methods And Apparatus To Provide Content On Demand In Content Broadcast Systems
DTV205043	United States	Continuation	13/179433	9485469	Methods And Apparatus To Provide Content On Demand In Content Broadcast Systems
DTV205043	United States	Continuation	15/339559	9967521	Methods And Apparatus To Provide Content On Demand In Content Broadcast Systems
DTV205048	United States	Original Filing	11/863041	8532293	Method And System For Securely Providing And Storing Content In A Multiple Dwelling Unit System
DTV205048	United States	Continuation	13/967253	9055087	Method And System For Securely Providing And Storing Content In A Multiple Dwelling Unit System
DTV205049	United States	Original Filing	11/523382	8509158	Reconfigurable Notched Spectrum For Wireless Data Transmission
DTV205049	United States	Continuation	13/964997	9231741	Reconfigurable Notched Spectrum For Wireless Data Transmission
DTV205051	United States	Original Filing	11/434538	8095466	Methods And Apparatus To Conditionally Authorize Content Delivery At Content Servers In Pay Delivery Systems

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DTV205054	United States	Original Filing	11/546116	7991348	Triple Band Combining Approach To Satellite Signal Distribution
DTV205055	United States	Original Filing	11/546118	9282299	Single Local Oscillator Sharing In Multi-Band Ka-Band Lnbs
DTV205057	United States	Original Filing	11/545846	7663543	Alignment Method For Multi-Satellite Consumer Receiver Antennas
DTV205058	United States	Original Filing	11/545845	7636067	Ka/Ku Antenna Alignment
DTV205058	United States	Division	12/634530	8106842	Ka/Ku Antenna Alignment
DTV205059	United States	Original Filing	11/546689	8515342	Dynamic Current Sharing In Ka/Ku Lnb Design
DTV205065	United States	Continuation	11/803649	8782719	Infrastructure For Interactive Television Applications
DTV205069	United States	Original Filing	11/431251	7642960	Command Control And Communications With Intelligent Antennas
DTV205069	United States	Division	12/624018	8760346	Command, Control And Communications With Intelligent Antennas
DTV205071	United States	Original Filing	11/786215	7890047	Method And System For File Sharing Between A Group Of User Devices Using Obtained Permissions
DTV205072	United States	Original Filing	11/786136	8364778	Method And System For Using A Website To Perform A Remote Action On A Set Top Box With A Secure Authorization
DTV205072	United States	Continuation	13/737890	9032084	Method And System For Using A Website To Perform A Remote Action On A Set Top Box With A Secure Authorization
DTV205074	United States	Original Filing	11/786100	7895341	Method And Apparatus For File Sharing Between A Group Of User Devices With Separately Sent Crucial Portions And Non-Crucial Portions
DTV205074	United States	Continuation	13/012656	8255547	Method And Apparatus For File Sharing Between A Group Of User Devices With Separately Sent Crucial Portions And Non-Crucial Portions
DTV205075	United States	Original Filing	11/786214	8244884	Method And Apparatus For File Sharing Between A Group Of User Devices With Crucial Portions Sent Via Satellite And Non-Crucial Portions Sent Using A Peer-To-Peer Network
DTV205076	United States	Continuation-In-Part	11/876832	8345869	Method And Apparatus For File Sharing Of Missing Content Between A Group Of User Devices In A Peer-To-Peer Network



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DTV205076	United States	Continuation	13/721655	9537944	Method And Apparatus For File Sharing Of Missing Content Between A Group Of User Devices In A Peer-To-Peer Network
DTV205077	United States	Original Filing	11/862883	9800838	Method And System For Providing Content To A Content Distribution System Suitable For A Multiple Dwelling Unit Using An Authorization List
DTV205079	United States	Original Filing	29/253323	D598904	Oval Satellite Receive Antenna
DTV205080	United States	Original Filing	29/253322	D598903	Elliptical Satellite Receive Antenna
DTV205081	United States	Original Filing	29/251084	D558157	Set Top Box
DTV205084	United States	Original Filing	11/593711	8942618	Method And System For Moving And Playing Content From Home-Based System To Mobile System
DTV205085	United States	Original Filing	11/638202	8243923	Method And System For Providing A Predeactivation Warning In A System Having A Conditional Access Authorization Expiration In A Mobile Receiving Device
DTV205091	United States	Original Filing	11/930745	9942618	SMATV Headend Using IP Transport Stream Input And Method For Operating The Same
DTV205093	United States	Original Filing	11/475743	9015382	Customizable User Interface For External Devices
DTV205094	United States	Original Filing	29/251080	D559207	Set Top Box
DTV205095	United States	Original Filing	29/251082	D558695	Set Top Box
DTV206002	United States	Original Filing	11/701151	8832738	Interactive Mosaic Channel Video Stream With Additional Programming Sources
DTV206003	United States	Original Filing	11/595315	7847744	Apparatus For Mounting A Satellite Antenna In A Vehicle
DTV206003	United States	Continuation	12/913706	8593356	Apparatus For Mounting A Satellite Antenna In A Trunk Of A Vehicle
DTV206004	United States	Original Filing	11/672461	7715786	Blind Identification Of Advanced Modulation And Coding Modes
DTV206004	United States	Continuation	12/719098	8023888	Blind Identification Of Advanced Modulation And Coding Modes
DTV206007	United States	Original Filing	11/707496	8458745	Amalgamation Of User Data For Geographical Trending
DTV206009	United States	Continuation	14/299234	9143836	Dynamic Determination Of Presentation Of Multiple Video Cells In An On-Screen Display
DTV206011	United States	Original Filing	12/172126	8209713	Television Advertisement Monitoring System
DTV206011	United States	Continuation	13/492656	8752084	Television Advertisement Monitoring System

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DTV206011	United States	Continuation	14/298584	9549215	Television Advertisement Monitoring System
DTV206011	United States	Continuation	15/242305	10165323	Television Advertisement Monitoring System
DTV206014	United States	Original Filing	11/529941	7948558	Audio Video Timing Measurement And Synchronization
DTV206015	United States	Original Filing	11/824723	7869530	Method For Suppression Of Ofdm Energy Spectral Density For Minimization Of Out Of Band Emission Or Utilization Of Fractured Spectrum
DTV206017	United States	Original Filing	11/603632	8875206	Method And System For Securely Providing Content To A Portable Media Player Device
DTV206018	United States	Original Filing	11/603879	9143734	Method And System For Providing Content To A Portable Media Player Device And Maintaining Licensing Rights
DTV206018	United States	Continuation	14/246780		Separation Of Content Types On A Portable Media Player Device
DTV206019	United States	Original Filing	11/603743	8107626	Method And System For Enabling Transfer Of Content Between A Storage Device And A Portable Media Player Device
DTV206023	United States	Continuation-In-Part	11/595393	7720431	Method And Apparatus For Providing Emergency Information To A Mobile Receiving Device
DTV206024	United States	Continuation-In-Part	11/545278	9316738	Method And Apparatus For Controlling A Mobile Device Beyond An Area Of Interest Boundary
DTV206027	United States	Original Filing	11/656758	8175514	Method And Apparatus For Providing Preauthorization For A Mobile Receiving Device To Access Wireless Networks
DTV206027	United States	Continuation	13/439450	8892027	Method And Apparatus For Providing Preauthorization For A Mobile Receiving Device To Access Wireless Networks
DTV206028	United States	Original Filing	11/595394	7925216	Mobile Receiver Solutions For Accessing Broadband Video-On-Demand Services
DTV206029	United States	Original Filing	11/603878	9317507	Method And System For Updating File Segments Of Content On A Portable Media Player Device
DTV206030	United States	Original Filing	11/603768	7747703	Method And System For Targeted Marketing To A Portable Media Player Device Owner
DTV206035	United States	Continuation	12/098747	9654736	Mosaic Channel Video Stream With Interactive Services
DTV206037	United States	Original Filing	11/586414	7925231	Passive System And Method To Determine Distortion In An RF Satellite Chain

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DTV206038	United States	Original Filing	11/586383	8126044	Passive System And Method To Equalize Distortion In An Rf Satellite Chain
DTV206039	United States	Original Filing	11/602823	7639980	Method And Apparatus For Receiving Dual Band Signals From A Common Orbital Location With An Outdoor Unit Using A Frequency Selective Subreflector And Additional Antenna Feed
DTV206041	United States	Original Filing	11/602821	7860453	Method And Apparatus For Receiving Dual Band Signals From An Orbital Location Using An Outdoor Unit With A Subreflector And Additional Antenna Feed
DTV206042	United States	Original Filing	11/833915	8949895	Mosaic Channel Video Stream With Personalized Interactive Services
DTV206044	United States	Original Filing	12/079579	8185922	Method And Apparatus Of Verifying That Requested Content Matches Content To Be Downloaded
DTV206045	United States	Original Filing	11/841531	9749712	Method And Apparatus For Generating An Overlay Code For A Set Top Box From An External Device
DTV206048	United States	Original Filing	11/529932	7720433	Antenna Hub Configuration
DTV206049	United States	Original Filing	11/529915	7706747	Method And System For Broadcasting In A Satellite Communication System When Switching Between A Primary Site And A Diverse Site
DTV206050	United States	Original Filing	11/529949	7596350	Method And System For Determining Delays Between A Primary Site And Diverse Site In A Satellite Communication System
DTV206051	United States	Original Filing	11/529950	7783248	Method And Apparatus For Connecting Primary And Diverse Sites In A Satellite Communication System
DTV206052	United States	Original Filing	11/529840	7693483	Method And System For Operating A Satellite Communication System With Regional Redundant Sites And A Central Site
DTV206053	United States	Original Filing	11/529918	7715788	Method And System For Determining Attenuation And Controlling Uplink Power In A Satellite Communication System
DTV206054	United States	Original Filing	11/540037	7761054	Method And System For Receiving A Beacon Signal In A Satellite Communication System
DTV206057	United States	Continuation	12/421485	7859330	Optimized Uplink Efficiencies For Transmission Of Satellite Data

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DTV206058	United States	Original Filing	11/825263	8971926	Method And Apparatus For Warning A Mobile User Approaching A Boundary Of An Area Of Interest
DTV206059	United States	Original Filing	12/150153	9003465	Method And System For Converting Content Into Multiple Formats
DTV206061	United States	Original Filing	11/728378	8619822	Method And System For Generating Uplink Signals From A Ground Segment
DTV206062	United States	Original Filing	11/728552	7934228	Method And System For Marking Video Signals For Identification
DTV206065	United States	Original Filing	11/728379	8239913	Method And System For Inserting Digital Video Effects Into A Video Stream In Redundant Paths Before Routing
DTV206066	United States	Original Filing	11/728394	9055316	Method And System For Inserting Digital Video Effects Into A Video Stream At A Multiplexing Device After Routing
DTV206068	United States	Original Filing	12/102362	9723254	Method And System Of Extending Recording Time For A Run-Over Program
DTV206069	United States	Original Filing	11/955214	9015772	Interactive Gaming Channel Video Stream With Nested Features
DTV206072	United States	Original Filing	11/971800	7978142	ODU Alignment Procedure Using Circularly Polarized Squint
DTV206074	United States	Original Filing	12/185018	8982004	Integrated Odu Controller For Antenna Pointing
DTV206075	United States	Original Filing	11/787409	9092629	Method And Apparatus For Authenticating A Code Image Upon Starting A Device
DTV206077	United States	Original Filing	12/026995	8910209	Live Video Management System
DTV206079	United States	Original Filing	12/027876	8566881	Live Integration Of Push-To-Talk (PTT) Audio With Independent Video Feed
DTV206081	United States	Original Filing	12/026735	9008354	Video Camera Tracking System Based On Geoposition Data Feedback
DTV206083	United States	Continuation-In-Part	12/098235	8213553	Method And Apparatus For Identifying Co-Channel Interference
DTV206086	European Community Design	Original Filing	0007735100001	000773510-0001	Portable Satellite Stations
DTV206086	Great Britain	Original Filing	90007735100001	90007735100001	Portable Satellite Stations
DTV206086	Great Britain	Original Filing	90007735100002	90007735100002	Portable Satellite Stations
DTV206086	Great Britain	Original Filing	90007735100003	90007735100003	Portable Satellite Stations
DTV206086	Great Britain	Original Filing	90007735100004	90007735100004	Portable Satellite Systems

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DTV206086	Great Britain	Original Filing	90007735100005	90007735100005	Portable Satellite Stations
DTV206086	Great Britain	Original Filing	90007735100006	90007735100006	Portable Satellite Stations
DTV206086	United States	Original Filing	29/271004	D575253	Portable Satellite Station Combination
DTV206086DE1	European Community Design	Original Filing	0007735100002	000773510-0002	Portable Satellite Stations
DTV206086DE2	European Community Design	Original Filing	0007735100003	000773510-0003	Portable Satellite Stations
DTV206086DE3	European Community Design	Original Filing	0007735100004	000773510-0004	Portable Satellite Systems
DTV206086DE4	European Community Design	Original Filing	0007735100005	000773510-0005	Portable Satellite Stations
DTV206086DE5	European Community Design	Original Filing	0007735100006	000773510-0006	Portable Satellite Stations
DTV206087	United States	Original Filing	29/271036	D597981	Portable Satellite Station Screen Unit
DTV206088	United States	Original Filing	29/271035	D575752	Portable Satellite Station Receiver Unit
DTV206089	United States	Original Filing	29/271003	D572705	Remote Control
DTV206092	United States	Original Filing	11/715179	7974293	Method And Apparatus For Transcribing Or Transcoding Content For A Terminal Within A Vehicle
DTV207004	United States	Original Filing	12/032807	7912427	Single-Wire Multiswitch And Channelized Rf Cable Test Meter
DTV207011	United States	Original Filing	11/782787	7849482	Intuitive Electronic Program Guide Display
DTV207011	United States	Continuation	12/914629	8434110	Intuitive Electronic Program Guide Display
DTV207012	United States	Original Filing	11/831074	8842971	Methods And Apparatus To Present Audio And Video At Non-Native Rates
DTV207013	United States	Original Filing	11/828292	9832424	Method And System For Managing Content Lifecycle In A Content Processing System
DTV207014	United States	Original Filing	11/828534	8462271	Method And System Of Managing Files Within A Content Processing System Based On Publication Time
DTV207015	United States	Original Filing	11/828520	8572660	Method And System For Distributing Content To A User Device Through A Satellite Network And A Broadband Network

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DTV207016	United States	Original Filing	11/828530	8964734	Method And System For Communicating Content Having Modified Packet Headers Through A Satellite
DTV207019	United States	Original Filing	12/649143	8849434	Methods And Apparatus To Control Audio Leveling In Media Presentation Devices
DTV207025	United States	Original Filing	11/820532	8402501	Method And Apparatus For Programming A Remote Control Using Broadcast Data
DTV207027	United States	Original Filing	11/832073	8677408	Advertisements For Use In A Program Guide
DTV207032	United States	Original Filing	11/945868	9281891	Method And System Of Wirelessly Retrieving Lost Content Segments Of Broadcasted Programming At A Mobile User Device From Another Mobile Device
DTV207033	United States	Original Filing	11/828935	9727562	Method And System For Performing Multi-Level Program Guide Category Searches
DTV207034	United States	Original Filing	11/828519	8856835	Method And System For Associating Content And Content Information In A Menu Structure
DTV207036	United States	Original Filing	11/828507	8281255	Method And System For Using Various Content And Content Information In Multiple Menu Structures
DTV207037	United States	Original Filing	11/828503	9357155	Method And System For Generating Row Advertising In A Program Guide
DTV207038	United States	Original Filing	11/782565	9077855	Method And System For Distributing Content To A User Device Through Allocated Assets Of A Satellite Network And A Broadband Network
DTV207040	United States	Original Filing	11/782576	8869188	Method And System For Remotely Controlling Content At A Set Top Box
DTV207041	United States	Original Filing	11/782563	9104987	Method And System For Associating Business Rules With Received Content In A Content Processing System And Generating A Content List Therefrom
DTV207043	United States	Original Filing	11/782554	10097291	Method And System For Distributing Content Using Device-Specific Content Delivery Networks
DTV207045	United States	Original Filing	11/828500	8209718	Method And System For Positioning Row Advertising In A Program Guide
DTV207045	United States	Continuation	13/485326	8893181	Method And System For Positioning Row Advertising In A Program Guide

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DTV207046	United States	Original Filing	11/828494	10063813	Method And System For Communicating And Displaying Broadband Content Availability Using Information Received Through A Satellite
DTV207047	United States	Original Filing	11/828601	9060096	Method And System For Forming A Content Stream With Conditional Access Information And A Content File
DTV207048	United States	Original Filing	11/828605	9564988	Method And System For Forming A Formatted Content Stream And Using A Cyclic Redundancy Check
DTV207051	United States	Original Filing	11/828486	9628761	Method For Arranging Virtual Channels And Linear Channels For A Content Processing System
DTV207052	United States	Original Filing	11/828490	9693106	Method And System For Preordering Content In A User Device Associated With A Content Processing System
DTV207054	United States	Original Filing	11/828551	8793748	Method And System For Controlling Communication Between A User Device And A Content Delivery Network
DTV207055	United States	Original Filing	11/828556	9451326	Method And System For Controlling The Operation Of A User Device To Receive Content
DTV207058	United States	Original Filing	11/828625	8875209	Method And System For Receiving Content In A Content Processing System Using A Workflow System
DTV207062	United States	Original Filing	12/132173	8583629	Methods And Apparatus To Save Search Data
DTV207064	United States	Continuation	13/566193	8611809	Computationally Efficient Design For Broadcast Satellite Single Wire And/Or Direct Demod Interface
DTV207065	United States	Original Filing	11/931760	8683524	Methods And Apparatus To Distinguish Elements Of A User Interface
DTV207068	United States	Original Filing	12/343914	8499256	Methods And Apparatus To Conditionally Display Icons In A User Interface
DTV207068	United States	Continuation	13/932917	8812981	Methods And Apparatus To Conditionally Display Icons In A User Interface
DTV207069	United States	Original Filing	12/343825	9635195	Customizable Graphical Elements For Use In Association With A User Interface
DTV207072	United States	Original Filing	12/341976	8754992	Interactive Remote Control Programming Method
DTV207074	United States	Original Filing	11/853744	8472871	Method And System For Monitoring And Switching Between A Primary And Diverse Site In A Satellite Communication System

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DTV207076	United States	Original Filing	11/853747	8424044	Method And System For Monitoring And Switching Between A Primary Encoder And A Back-Up Encoder In A Communication System
DTV207078	United States	Original Filing	11/853761	8165060	Method And System For Monitoring And Switching Between Primary And Back-Up Uplink Signal Processing Circuits In A Satellite Communication System
DTV207079	United States	Continuation	11/853758	9461758	Method And System For Monitoring Various Signals In A Continuous Processing Circuit For A Single Channel In A Communication System
DTV207080	United States	Original Filing	11/853753	8875190	Method And System For Monitoring And Displaying Signals Corresponding To A Transponder Of A Satellite In A Satellite Communication System
DTV207081	United States	Original Filing	11/853749	8973058	Method And System For Monitoring And Simultaneously Displaying A Plurality Of Signal Channels In A Communication System
DTV207081	United States	Continuation	14/618812	10349014	Method And System For Monitoring And Simultaneously Displaying A Plurality Of Signal Channels In A Communication System
DTV207082	United States	Original Filing	11/853746	9473751	Method And System For Operating A Monitoring System For A Satellite Communication System
DTV207083	United States	Original Filing	11/853737	9313457	Method And System For Monitoring A Receiving Circuit Module And Controlling Switching To A Back-Up Receiving Circuit Module At A Local Collection Facility From A Remote Facility
DTV207085	United States	Original Filing	11/853742	9300412	Method And System For Operating A Receiving Circuit For Multiple Types Of Input Channel Signals
DTV207088	United States	Original Filing	11/853740	8072874	Method And System For Switching To An Engineering Signal Processing System From A Production Signal Processing System
DTV207089	United States	Original Filing	11/853736	8170069	Method And System For Processing Signals From A Local Collection Facility At A Signal Processing Facility
DTV207090	United States	Original Filing	11/852915	8938751	Method And System For Placing Inserts Into A Broadcast Television Signal
DTV207091	United States	Original Filing	11/852957	9247285	Method And System For Monitoring A Content Signal



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DTV207092	United States	Original Filing	11/852954	9277182	Method And System For Interrupting Inserted Material In A Content Signal
DTV207093	United States	Original Filing	11/852956	9681102	Method And System For Tracking Actual Channel Content Output
DTV207095	United States	Original Filing	11/852984	8127328	Method And System For Real-Time Reconciliation For Unused Content
DTV207096	United States	Original Filing	11/852963	7926081	Method And System For Forming A Countdown Clock Channel Output
DTV207097	United States	Original Filing	11/854433	8479234	Method And System For Monitoring And Controlling A Local Collection Facility From A Remote Facility Using An Asynchronous Transfer Mode (Atm) Network
DTV207098	United States	Original Filing	11/854408	7861270	Method And System For Controlling A Back-Up Receiver And Encoder In A Local Collection Facility From A Remote Facility
DTV207099	United States	Original Filing	11/854417	8988986	Method And System For Controlling A Back-Up Multiplexer In A Local Collection Facility From A Remote Facility
DTV207100	United States	Original Filing	11/854442	8724635	Method And System For Controlling A Back-Up Network Adapter In A Local Collection Facility From A Remote Facility
DTV207101	United States	Original Filing	11/929252	9037074	Method And System For Monitoring And Controlling A Local Collection Facility From A Remote Facility Through An Ip Network
DTV207102	United States	Original Filing	11/929373	9049354	Method And System For Monitoring And Controlling A Back-Up Receiver In Local Collection Facility From A Remote Facility Using An Ip Network
DTV207103	United States	Original Filing	11/930390	9049037	Method And System For Monitoring And Encoding Signals In A Local Facility And Communicating The Signals Between A Local Collection Facility And A Remote Facility Using An Ip Network
DTV207104	United States	Original Filing	11/930601	8077706	Method And System For Controlling Redundancy Of Individual Components Of A Remote Facility System
DTV207107	United States	Original Filing	11/871983	8561114	Method And System For Ordering Video Content From A Mobile Device
DTV207107	United States	Continuation	14/030188	8701146	Method And System For Ordering Video Content From A Mobile Device

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DTV207107	United States	Continuation	14/190502	8813139	Method And System For Ordering Video Content From A First Device
DTV207109	United States	Original Filing	11/871985	8046802	Method And System For Ordering And Prioritizing The Downloading Of Content From An Interactive Interface
DTV207110	United States	Original Filing	11/871986	8707361	Method And System For Quickly Recording Linear Content From An Interactive Interface
DTV207111	United States	Original Filing	11/871988	9824389	Method And System For Confirming The Download Of Content At A User Device
DTV207112	United States	Original Filing	11/871989	7953872	Method And System For Securely Requesting Download Of Content To A User Device From Another Device
DTV207115	United States	Original Filing	11/959060	9692602	Method And Apparatus For Mutually Authenticating A User Device Of A Primary Service Provider
DTV207119	United States	Original Filing	11/960471	8621646	Method And System For Authenticating A User Receiving Device Into A Primary Service Provider System To Communicate With A Partner Service Provider
DTV207120	United States	Original Filing	11/960496	8533852	Method And System For Securely Communicating Between A Primary Service Provider And A Partner Service Provider
DTV207121	United States	Original Filing	11/960526	8453251	Method And System For Securely Communicating Between A User Network Device, A Primary Service Provider And A Partner Service Provider
DTV207123	United States	Original Filing	11/960560	9137018	Method And System For Providing A Generic Program Guide Data From A Primary Content Provider To A User Network Device Through A Partner Service Provider
DTV207124	United States	Original Filing	11/960574	8341675	Method And System For Providing Program Guide Data From A Content Provider To A User Device Through A Partner Service Provider Based Upon User Attributes
DTV207125	United States	Original Filing	11/960585	9532007	Method And System For Remotely Requesting Recording At A User Network Device For A User Recording System

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DTV207126	United States	Original Filing	11/960869	9143493	Method And Apparatus For Communicating Between A User Device And A Gateway Device To Form A System To Allow A Partner Service To Be Provided To The User Device
DTV207127	United States	Original Filing	11/960951	8789149	Method And Apparatus For Communicating Between A User Device And A User Device Locating Module To Allow A Partner Service To Be Provided To A User Device
DTV207128	United States	Original Filing	11/960984	8200968	Method And Apparatus For Communicating Between A Requestor And A User Receiving Device Using A User Device Locating Module
DTV207133	United States	Original Filing	09/855813	7356246	Method And System For Extending Recording
DTV207135	United States	Original Filing	09/925120	8949374	Method And System For Remote Television Replay Control
DTV207135	United States	Division	13/230830	9654238	Method And System For Remote Television Replay Control
DTV207136	United States	Continuation-In-Part	09/972424	9171851	One Click Web Records
DTV207136	United States	Continuation	14/848019	10390074	One Click Web Records
DTV207137	United States	Original Filing	09/978144	8571934	Method And System For Dynamic Ad Placement
DTV207137	United States	Continuation-In-Part	10/033401	8571933	Advertisements In A Television Recordation System
DTV207137	United States	Continuation	14/058393	10380630	Method And System For Dynamic Ad Placement
DTV207138	United States	Original Filing	09/978170	8078493	Method And System For Pause Ads
DTV207138	United States	Continuation	13/305782	8775256	System For Pause Ads
DTV207139	France	Original Filing	03728602.8	1500262	System And Method For Blackfield Detection
DTV207139	Great Britain	Original Filing	03728602.8	1500262	System And Method For Blackfield Detection
DTV207139	Germany	Original Filing	03728602.8	60346082.8	System And Method For Blackfield Detection
DTV207139	Hong Kong	Original Filing	05106228.6	HK1074135	System And Method For Blackfield Detection
DTV207139	Italy	Original Filing	502014902266158	1500262	System And Method For Blackfield Detection
DTV207139	Japan	Original Filing	2004-500491	4202316	System And Method For Blackfield Detection
DTV207139	Spain	Original Filing	03728602.8	1500262	System And Method For Blackfield Detection
DTV207139	United States	Original Filing	10/132968	7251413	System And Method For Improved Blackfield Detection
DTV207141	United States	Continuation	10/386585	7773860	Video Data Recorder With Personal Channels
DTV207142	United States	Original Filing	10/393599	7735104	System And Method For Navigation Of Indexed Video Content

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DTV207143	United States	Original Filing	10/396229	8428438	Apparatus For Viewing Television With Pause Capability
DTV207146	United States	Original Filing	10/918721	7522816	Method And Apparatus For Navigating Content In A Personal Video Recorder
DTV207148	Japan	Original Filing	2006-526967	4988346	Method And System For Adaptive Transcoding And Transrating In A Video Network
DTV207148	United States	Original Filing	10/939669	7555006	Method And System For Adaptive Transcoding And Transrating In A Video Network
DTV207148	United States	Continuation	12/494091	9143814	Method And System For Adaptive Transcoding And Transrating In A Video Network
DTV207149	United States	Original Filing	11/021096	9160976	Method And Apparatus For Distributing Media In A Pay Per Play Architecture With Remote Playback Within An Enterprise
DTV207150	United States	Original Filing	11/030422	7290211	Method And System For Reconfiguring A Selection System Based On Layers Of Categories Descriptive Of Recordable Events
DTV207150	United States	Continuation	11/876181	7765479	Method And System For Reconfiguring A Selection System Based On Layers Of Categories Descriptive Of Recordable Events
DTV207150	United States	Continuation	12/797664	9258513	Method And System For Reconfiguring A Selection System Based On Layers Of Categories Descriptive Of Recordable Events
DTV207151	United States	Original Filing	11/030692	7657151	Method And System For Displaying A Series Of Recordable Events
DTV207151	United States	Continuation	12/686090	8442387	Method And System For Displaying A Series Of Recordable Events
DTV207151	United States	Continuation	13/890744	9253463	Method And System For Displaying A Series Of Recordable Events
DTV207154	United States	Continuation	13/195699	9520956	Method And System For Remote Television Replay Control
DTV207154	United States	Continuation	15/347548	10320503	Method And System For Remote Television Replay Control
DTV207155	United States	Original Filing	10/124064	7917008	Interface For Resolving Recording Conflicts With Network Devices
DTV207156	United States	Original Filing	10/124583	8214422	Methods And Apparatus For Sending Content Between Client Devices
DTV207156	United States	Continuation	13/487074	9113191	Methods And Apparatus For Sending Content Between Client Devices

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DTV207157	United States	Original Filing	10/124190	9602862	Accessing Programs Using Networked Digital Video Recording Devices
DTV207157	United States	Continuation	15/418053	10142673	Accessing Programs Using Networked Digital Video Recording Devices
DTV207158	United States	Original Filing	10/215904	8875198	Network Video Unit
DTV207158	United States	Continuation	14/496011	9467746	Network Video Unit
DTV207158	United States	Continuation	14/496022	9426531	Network Video Unit
DTV207158	United States	Continuation	14/874430	9743147	Network Video Unit
DTV207159	United States	Continuation	10/339012	8873929	Digital Recording And Playback
DTV208003	United States	Original Filing	12/041952	8763037	Asset Allocation System And Method For Allocating Satellite Resources In A Satellite Broadcast Communication System
DTV208004	United States	Original Filing	12/042098	9723276	Method And System For Changing Allocation Charts In A Satellite Broadcasting System
DTV208006	United States	Original Filing	12/042185	8255954	Method And System For Communicating Changes In A Broadcast System To Other Broadcast Components
DTV208007	United States	Original Filing	12/042226	8578427	Method For Swapping Channel Assignments In A Broadcast System
DTV208008	United States	Original Filing	12/042248	8347328	Method And System For Initiating An Emergency Alert In A Broadcast System
DTV208010	United States	Original Filing	12/186435	8451171	Tool To Automatically Align Outdoor Unit
DTV208011	United States	Original Filing	12/269811	8134512	Antenna Peak Strength Finder
DTV208015	United States	Original Filing	12/047406	9131125	Method And Apparatus For Redirecting A Receiving Device In The Event Of A Programming Blackout
DTV208020	United States	Original Filing	12/060944	8966552	Method And System For Allowing Multiple Receiving Units In A Network To Record The Same Content While Minimizing Network Resource Use
DTV208021	United States	Original Filing	12/060973	9066142	Method And System For Arbitrating Recording Requests From Multiple Receiving Units In A Network To Receive The Same Content
DTV208025	United States	Original Filing	12/112604	8799963	Receiver Unit Changing Between A High Definition Mode And Standard Mode And Method Therefor
DTV208026	United States	Original Filing	12/132122	8661463	Method And System Of Marking And Recording Content Of Interest In A Broadcast Stream

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DTV208027	United States	Original Filing	12/241366	9148693	Method And System Of Scaling External Resources For A Receiving Device
DTV208028	United States	Original Filing	12/241323	9049473	Method And System Of Processing Multiple Playback Streams Via A Single Playback Channel
DTV208029	United States	Original Filing	12/241335	9710055	Method And System For Abstracting External Devices Via A High Level Communications Protocol
DTV208030	United States	Original Filing	12/241354	9494986	Method And System For Controlling A Low Power Mode For External Devices
DTV208030	United States	Continuation	15/213455	10212384	Method And System For Controlling A Low Power Mode For External Devices
DTV208030	United States	Continuation	16/240940	10819939	Method And System For Controlling A Low Power Mode For External Devices
DTV208030	United States	Continuation	17/027264		Method And System For Controlling A Low Power Mode For External Devices
DTV208031	United States	Original Filing	12/241466	8291247	Method And System For Predicting Use Of An External Device And Removing The External Device From A Low Power Mode
DTV208033	United States	Original Filing	12/241545	8671429	Method And System For Dynamically Changing A User Interface For Added Or Removed Resources
DTV208034	United States	Original Filing	12/241577	9426497	Method And System For Bandwidth Shaping To Optimize Utilization Of Bandwidth
DTV208037	United States	Original Filing	12/436695	9414023	Method And System For Interfacing Content Between Devices
DTV208039	United States	Original Filing	12/200868	9524072	Method And System For Forming Content In A Fantasy Sporting Event
DTV208041	United States	Original Filing	12/200905	10827066	Method And System For Ordering Content Using A Voice Menu System
DTV208042	United States	Original Filing	12/200863	9032296	User Interface For Displaying Highlights Of An Event Or Plurality Of Events
DTV208044	United States	Original Filing	12/200886	9351048	Method And System For Assigning A Channel To Data In A Data Stream
DTV208044	United States	Division	15/148219	10095373	Method And System For Assigning A Channel To Data In A Data Stream
DTV208045	United States	Original Filing	12/210850	10021437	Method And System For Discontinuing A Channel Stream In A Multi-Terminal System
DTV208046	United States	Original Filing	12/210867	9992525	Method And System For Inserting Local Channel Insertion In A Multi-Terminal System

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DTV208047	United States	Original Filing	12/266829	8132216	Method And System For Controlling A Multi-Terminal System
DTV208049	United States	Original Filing	12/264435	9762973	Method And System For Operating A Receiving Circuit Module To Encode A Channel Signal Into Multiple Encoding Formats
DTV208054	United States	Original Filing	12/203760	9485536	Method And System For Updating Programming Listing Data For A Broadcasting System
DTV208056	United States	Original Filing	12/482167	9794612	Method And System For Communicating Customer Service Requests
DTV208057	United States	Original Filing	12/482179	9113204	Method And Apparatus For Communicating Interactive Content In A Broadcast Communication System
DTV208058	United States	Original Filing	12/244684	7982687	Ka/Ku Outdoor Unit Configuration Using A Frequency Selective Surface
DTV208063	United States	Original Filing	12/615880	10200500	Method And Apparatus For Managing Software Downloads In A Broadcast Communication System
DTV208063B	United States	Original Filing	12/615915	9602628	Method And Apparatus For Monitoring A Transport Processing System In A Software Download Broadcast Communication System
DTV208066	United States	Continuation	13/554022	8509722	Frequency Drift Estimation For Low Cost Outdoor Unit Frequency Conversions And System Diagnostics
DTV208066	United States	Continuation	13/964940	9203536	Frequency Drift Estimation For Low Cost Outdoor Unit Frequency Conversions And System Diagnostics
DTV208069	Finland	Original Filing	07861851.9	2082497	Aas Direct Signaling Framing Methodologies To Support High Capacity Wireless Links
DTV208069	France	Original Filing	07861851.9	2082497	Aas Direct Signaling Framing Methodologies To Support High Capacity Wireless Links
DTV208069	Great Britain	Original Filing	07861851.9	2082497	Aas Direct Signaling Framing Methodologies To Support High Capacity Wireless Links
DTV208069	Germany	Original Filing	07861851.9	602007024117.0	Aas Direct Signaling Framing Methodologies To Support High Capacity Wireless Links
DTV208069	Sweden	Original Filing	07861851.9	2082497	Aas Direct Signaling Framing Methodologies To Support High Capacity Wireless Links
DTV208069	United States	Original Filing	11/936786	8009552	Aas Direct Signaling Framing Methodologies To Support High Capacity Wireless Links

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DTV208069	United States	Continuation	13/171108	8547822	Aas Direct Signaling Framing Methodologies To Support High Capacity Wireless Links
DTV208069	United States	Continuation	14/041192	9100093	Aas Direct Signaling Framing Methodologies To Support High Capacity Wireless Links
DTV208069	United States	Continuation	14/814971	9509539	Aas Direct Signaling Framing Methodologies To Support High Capacity Wireless Links
DTV208070	United States	Original Filing	12/276261	8300742	Systems And Methods For Channel Based Beamforming For Stacked Carrier Multiple Access
DTV208070	United States	Division	13/411507	8755475	Maintaining Linear Beamforming Weights In Communications Systems
DTV208070	United States	Division	13/411510	9088446	Wireless Communications Systems And Methods
DTV208070	United States	Continuation	14/804094	10003394	Wireless Communications Systems And Methods
DTV208071	Germany	Original Filing	09825395.8	602009054518.3	Variable Phy Margin To Combat Ingress Noise
DTV208071	United States	Original Filing	12/612994	8611218	Variable Phy Margin To Combat Ingress Noise
DTV209006	United States	Original Filing	12/717808	8806198	Method And System For Authenticating A Request
DTV209007	United States	Original Filing	12/717812	9654829	Method And System For Retrieving Data From Multiple Sources
DTV209009	United States	Original Filing	12/649153	9137302	Content Distribution Network Selector
DTV209010	United States	Original Filing	12/766811	8416983	Method And Apparatus For Establishing An Accurate Low Bit Time Stamp In A Remotely Created Watermark
DTV209011	Canada	Original Filing	2797067	2797067	Remotely Inserting Watermark Into Encrypted Compressed Video Bitstream
DTV209011	France	Original Filing	11718549.6	2561478	Remotely Inserting Watermark Into Encrypted Compressed Video Bitstream
DTV209011	Great Britain	Original Filing	11718549.6	2561478	Remotely Inserting Watermark Into Encrypted Compressed Video Bitstream
DTV209011	Germany	Original Filing	11718549.6	602011056327.0	Remotely Inserting Watermark Into Encrypted Compressed Video Bitstream
DTV209011	United States	Original Filing	12/766813	8611531	Method And Apparatus For Remotely Inserting Watermark Into Encrypted Compressed Video Bitstream
DTV209012	United States	Original Filing	12/795523	9332317	Method And Apparatus To Search For Program Content Via A Remote Control Interface
DTV209014	United States	Original Filing	12/779871	8509056	Multi-Ring Ip Multicast Network And Method Using Autonomous Instances Of Interior Gateway Protocol (Igp)



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DTV209015	China	Original Filing	1080025485.X	ZL201080025485.X	Omnidirectional Switchable Broadband Antenna System
DTV209015	France	Original Filing	10727288.2	2441124	Omnidirectional Switchable Broadband Antenna System
DTV209015	Great Britain	Original Filing	10727288.2	2441124	Omnidirectional Switchable Broadband Antenna System
DTV209015	Germany	Original Filing	10727288.2	602010052157.5	Omnidirectional Switchable Broadband Antenna System
DTV209015	United States	Original Filing	12/797412	8571464	Omnidirectional Switchable Broadband Wireless Antenna System
DTV209016	United States	Original Filing	12/797570	9894410	Integrated Satellite-Tv Broadband Wireless System
DTV209019	United States	Original Filing	12/502185	10045083	Satellite Seeding Of A Peer-To-Peer Content Distribution Network
DTV209020	United States	Original Filing	13/403716	8793721	System And Method For Providing Multiple Rating Versions In Media Programming
DTV209020	United States	Continuation	14/296156	9363556	System And Method For Providing Multiple Rating Versions In Media Programming
DTV209022	United States	Original Filing	13/080551	9831971	Method And System For Operating A Communication System Encoded Into Multiple Independently Communicated Encoding Formats
DTV209024	United States	Original Filing	12/773782	8490139	Method And System For Pushing Content In A Broadcast Communication System
DTV209026	United States	Original Filing	12/840029	8756636	Method And System For Testing An Integrated Receiver Decoder With Signals From Outside The Local Market Area
DTV209027	United States	Original Filing	12/879957	9225939	Mobile Streaming Processing System For Video And Audio Content
DTV209032	United States	Original Filing	12/878827	9678736	Method And System For Updating A Software Image At A Client Device
DTV209033	United States	Original Filing	12/878822	9830243	Method And System For Rebooting A Client Device Within A Local Area Network From A Central Server
DTV209039	United States	Original Filing	12/881006	8458758	Method And System For Controlling Closed Captioning At A Content Distribution System
DTV209040	United States	Original Filing	12/881054	8447840	Method And System For Transferring Control Of A User Interface Of A Content Distribution System
DTV209042	United States	Original Filing	12/881043	8671211	Method And System For Distributing Content

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DTV209046	United States	Original Filing	12/881016	8862761	Method And System For Forming An Audio Overlay For Streaming Content Of A Content Distribution System
DTV209047	United States	Original Filing	12/881027	8521810	Method And System For Controlling A Display Buffer In A Content Distribution System
DTV209053	United States	Continuation	15/229610	9979996	Method And System For Operating A Multi-Room Digital Video Recording System
DTV209058	United States	Original Filing	12/647895	8521852	Method And System For Registering A Client Device In A Multi-Room Digital Video Recording System
DTV209058	United States	Continuation	13/921940	9065733	Method And System For Registering A Client Device In A Multi-Room Digital Video Recording System
DTV209061	United States	Original Filing	13/458661	10448104	Method And Apparatus For Programming A Remote Control Using A Device Identifier Received Through An Interface
DTV209062	United States	Original Filing	12/957186	9872057	Method And System For Accessing Content In Another Format In A Communications System
DTV210001	United States	Original Filing	13/031094	9794239	Method And System For Authenticating Service Providers To Communicate With A Primary Service Provider
DTV210002	United States	Original Filing	13/031099	9854308	Method And System For Authorizing User Devices To Communicate With A Primary Service Provider Using A Limited Number Of Streams
DTV210003	United States	Original Filing	13/031105	9838727	Method And System For Discovering An Identity Provider
DTV210004	United States	Original Filing	13/031113	8612598	Method And System For Ingesting Content Schedule Data From An External Source
DTV210006	United States	Original Filing	12/789836	9258175	Aggregation Of Playlist In Multi Dvr Environment
DTV210007	United States	Original Filing	13/111221	9456247	Method And System For Changing Communication Parameters Of A Content Delivery System Based On Feedback From User Devices
DTV210007	United States	Continuation	15/240387	9819982	Method And System For Changing Communication Parameters Of A Content Delivery System Based On Feedback From User Devices
DTV210008	United States	Original Filing	13/111239	9883242	Method And System For Controlling A Storage Location Of Content In A User Device

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DTV210009	United States	Original Filing	12/773795	8931013	Method And System For Controlling A Queue For Communicating Content In A Broadcast Communication System
DTV210010	United States	Original Filing	13/111249	9137556	Method And System Of Building A Wanted List Queue For A User In A Content Distribution System
DTV210012	United States	Division	15/671033	9917564	System And Method To Monitor Audio Loudness And Provide Audio Automatic Gain Control
DTV210014	United States	Original Filing	13/609708	9743064	System And Method For Distributing High-Quality 3D Video In A 2D Format
DTV210015	United States	Original Filing	13/031119	8886674	Method And System For Entitling A User Device To Receive Content From Data From An External Source
DTV210020	United States	Original Filing	12/947518	10091535	System And Method For Sharing Television Programming Information Using Universal Identifier
DTV210023	United States	Original Filing	12/895645	10048745	Method And System For Storing Program Guide Data In A User Device
DTV210023	United States	Continuation	16/029782	10824221	Method And System For Storing Program Guide Data In A User Device
DTV210024	United States	Original Filing	13/222986	9495415	Method And System For Searching For Content In A User Device
DTV210029	United States	Original Filing	13/294146	9098938	System And Method For Drawing Anti-Aliased Lines In Any Direction
DTV210029	United States	Continuation	14/812824	9338498	System And Method For Drawing Anti-Aliased Lines In Any Direction
DTV210034	United States	Original Filing	13/183246	8959564	Method For Creating Interactive Applications For Television
DTV210041	United States	Continuation	14/334516	9736516	Method And System For Automating Advertising Insertion And Reconciliation
DTV210043	United States	Original Filing	13/039118	8533767	Method And System For Prioritizing Content In A Delivery Queue Of A Content Delivery System
DTV210045	United States	Original Filing	13/024277	9781471	Method And Apparatus For Communicating And Updating Logo Identifiers
DTV210046	United States	Original Filing	12/957221	8819713	Method And System For Collecting Client Usage Data For A User Device
DTV210047	United States	Original Filing	12/877767	8775553	Managing Signal Delivery To A Plurality Of Display Platforms

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DTV210050	United States	Original Filing	13/682700	9432444	Mss Headend Caching Strategies
DTV210050	United States	Continuation	15/240816	9854054	MSS Headend Caching Strategies
DTV210053	United States	Original Filing	13/224206	9032451	Method And System For Using A Second Screen Device For Interacting With A Set Top Box To Enhance A User Experience
DTV210053	United States	Division	14/191276	10356464	Method And System For Using A Second Screen Device For Interacting With A Set Top Box To Enhance A User Experience
DTV210053	United States	Division	14/191288	10341707	Method And System For Using A Second Screen Device For Interacting With A Set Top Box To Enhance A User Experience
DTV210053	United States	Continuation	14/631076	10419803	Method And System For Using A Second Screen Device For Interacting With A Set Top Box To Enhance A User Experience
DTV210057	United States	Division	15/581355	10271081	Method And System For Detecting Unauthorized Use Of A Set Top Box Using Satellite Signal Identification
DTV210057	United States	Continuation	16/239619	10820028	Method And System For Detecting Unauthorized Use Of A Set Top Box Using Satellite Signal Identification
DTV210057	United States	Continuation	17/026813		Method And System For Detecting Unauthorized Use Of A Set Top Box Using Satellite Signal Identification
DTV210058	United States	Original Filing	13/413822	9124933	Method And System For Detecting Unauthorized Use Of A Set Top Box Using Expected Terrestrial Signal Identification
DTV210059	United States	Original Filing	13/413815	9210456	Method And System For Detecting Unauthorized Use Of A User Device Using Receiver Identification In A Network
DTV211001	United States	Original Filing	13/028150	10341702	Method And System For Providing Different Categories Of Programming Data To A User Device From Head End Systems
DTV211009	United States	Original Filing	13/349271	8887207	Method And System For Remotely Transcoding Content
DTV211009	United States	Continuation	14/518616	9794622	Method And System For Remotely Transcoding Content
DTV211009	United States	Continuation	15/701489	10063915	Method And System For Remotely Transcoding Content

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DTV211009	United States	Continuation	16/045068	10225606	Method And System For Remotely Transcoding Content
DTV211011	United States	Original Filing	13/626749	8804035	Method And System For Communicating Descriptive Data In A Television Broadcast System
DTV211012	United States	Original Filing	14/590938	9473811	Systems And Methods For Providing Broadcast Content Via Distributed Kiosks
DTV211016	United States	Original Filing	13/611998	10521250	Method And System For Communicating Between A Host Device And User Device Through An Intermediate Device Using A Composite Video Signal
DTV211017	United States	Original Filing	13/529040	9800929	Method And System For Obtaining Viewing Data And Providing Content Recommendations At A Set Top Box
DTV211017	United States	Continuation-In-Part	13/803395	9788069	Method And System For Recording Recommended Content Within A User Device
DTV211017	United States	Continuation	15/692649	10341740	Method And System For Recording Recommended Content Within A User Device
DTV211017	United States	Continuation	15/704333	10182259	Method And System For Obtaining Viewing Data And Providing Content Recommendations At A Set Top Box
DTV211017	United States	Continuation	16/296370	10708665	Method And System For Recording Recommended Content Within A User Device
DTV211022	United States	Original Filing	13/529048	10055746	Method And System For Obtaining Feedback For A Content Recommendation By Various Algorithms
DTV211024	United States	Original Filing	13/285917	9532097	Method And System For Controlling A Controlled Device With A Remote Control Device Through A Display Device
DTV211025	United States	Original Filing	14/188558	8913187	System And Method To Detect Garbled Closed Captioning
DTV211025	United States	Continuation	14/561088	9154816	System And Method To Detect Garbled Closed Captioning
DTV211025	United States	Continuation	14/849499	9426521	System And Method To Detect Garbled Closed Captioning
DTV211026	United States	Original Filing	13/285931	8856843	Method And System For Adding Local Channels And Program Guide Data At A User Receiving Device In An Aggregated Content Distribution System

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DTV211027	United States	Original Filing	13/285955	8595770	Aggregated Content Distribution System And Method For Operating The Same
DTV211028	United States	Original Filing	13/285967	8621530	Method And System For Controlling User Devices In An Aggregated Content Distribution System
DTV211030	United States	Original Filing	13/340033	9467725	Method And System For Detecting Unauthorized Use Of A Set Top Box Using Weather Profiles
DTV211036	United States	Original Filing	13/270115	8885491	Method And System For Communicating Conditional Access Packet Signals Through A Network
DTV211039	United States	Continuation	15/620879	10285018	Method And System For Determining A Location Of A Mobile Device And Utilizing The Location In Content Services
DTV211039	United States	Continuation	16/296914	10575147	Method And System For Determining A Location Of A Mobile Device And Utilizing The Location In Content Services
DTV211047	United States	Original Filing	13/611640	8752206	Method And System For Authorizing Playback From Multiple Devices
DTV211047	United States	Continuation	14/294368	9571867	Method And System For Authorizing Playback From Multiple Devices
DTV211052	United States	Continuation	14/137886	9232279	Method And System For Using A Second Screen Device To Tune A Set Top Box To Display Content Playing On The Second Screen Device
DTV211053	United States	Original Filing	13/492517	10368126	Method And System For Displaying Content Or Conflicts From Multiple Receiving Devices On A Second Screen Device
DTV211056	United States	Original Filing	13/557111	9277249	Method And System For Providing On-Demand And Pay-Per-View Content Through A Hospitality System
DTV211059	United States	Original Filing	13/751807	9420019	Method And System For Securing Content Communication In Chunks From A Content Delivery Network To A User Receiving Device
DTV211060	United States	Original Filing	13/452693	10229197	Method And System For Using Saved Search Results In Menu Structure Searching For Obtaining Faster Search Results
DTV211060	United States	Continuation	16/253464	10956491	Method And System For Using Saved Search Results In Menu Structure Searching For Obtaining Fast Search Results

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DTV211061	United States	Original Filing	13/452716	10334298	Method And System For Searching Content Using A Content Time Based Window Within A User Device
DTV211063	United States	Original Filing	13/370170	8745654	Method And System For Managing Digital Rights For Content
DTV212006	United States	Original Filing	13/494853	9768488	Dual Pitch Jack Screw For Odu Alignment
DTV212009	United States	Continuation-In-Part	13/923996	9160441	Rotation Pointed Antenna For Fixed Wireless Wide Area Networks
DTV212009	United States	Division	14/858944	9653800	Rotation Pointed Antenna For Fixed Wireless Wide Area Networks
DTV212014	United States	Original Filing	13/832790	9538114	Method And System For Improving Responsiveness Of A Voice Recognition System
DTV212015	United States	Original Filing	13/612367	9535722	Method And System For Communicating Between A Host Device And A User Device Through An Intermediate Device Using A Composite Graphics Signal
DTV212023	United States	Original Filing	14/592828	10839416	Systems And Methods For Controlling Advertising, Upselling, Cross-Selling, And Purchasing Of Products And Services Via User Receiving Devices And Mobile Devices
DTV212023	United States	Continuation	17/060444		Systems And Methods For Controlling Advertising, Upselling, Cross-Selling, And Purchasing Of Products And Services Via User Receiving Devices And Mobile Devices
DTV212027	United States	Original Filing	14/592829	9992548	Audio Scheduling And Recording Systems And Methods
DTV212031	United States	Original Filing	14/592835	10051340	Systems And Methods For Triggering User Interfaces For Product And/Or Service Transactions Via User Receiving Devices And Mobile Devices
DTV212037	United States	Original Filing	11/193856	8200149	Combining Transponder Bandwidths For Source And Forward Error Correction Encoding Efficiency
DTV212037	United States	Continuation	13/484756	9979464	Combining Transponder Bandwidths For Source And Forward Error Correction Encoding Efficiency
DTV212037	United States	Continuation-In-Part	13/829916	9525978	Method And Apparatus For Transmitting High Bandwidth Signals With Low Bandwidth Transponders

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DTV212037	United States	Continuation	15/384124	10080045	Method And Apparatus For Transmitting High Bandwidth Signals With Low Bandwidth Transponders
DTV212042	United States	Original Filing	14/587920	10623820	Method And System For User Configuration Of Channel Order In Electronic Program Guide
DTV212052	United States	Original Filing	14/592825	10057616	Systems And Methods For Accessing Bookmarked Content
DTV212055	United States	Original Filing	14/590216	9769471	Methods For Determining Localized Outages And Distributed Signal Verification Of Set-Top Boxes
DTV212055	United States	Continuation	15/694382	10070124	Methods For Determining Localized Outages And Distributed Signal Verification Of Set-Top Boxes
DTV212055	United States	Continuation	16/040735	10306220	Methods For Determining Localized Outages And Distributed Signal Verification Of Set-Top Boxes
DTV212055	United States	Continuation	16/379494	10630972	Methods For Determining Localized Outages And Distributed Signal Verification Of Set-Top Boxes
DTV212061	United States	Original Filing	14/660868	9503177	Methods And Systems For Aligning A Satellite Receiver Dish Using A Smartphone Or Tablet Device
DTV212065	United States	Original Filing	13/612389	9137501	Method And System For Communicating Between A Host Device And User Device Through An Intermediate Device Using Syntax Translation
DTV212067	United States	Original Filing	14/586210	9584838	Data Distribution Amongst Transponder Carriers
DTV212067	United States	Continuation	15/410247	10057611	Data Distribution Amongst Transponder Carriers
DTV212067	United States	Continuation	16/038651	10298976	Data Distribution Amongst Transponder Carriers
DTV212067	United States	Continuation	16/376844	10785516	Data Distribution Amongst Transponder Carriers
DTV212070	United States	Original Filing	14/207354	9351040	Method And System For Transferring User Settings To Another User Receiving Device
DTV212072	United States	Original Filing	13/682704	9191336	Method And Apparatus For Data Traffic Distribution Among Independent Processing Centers
DTV212073	United States	Original Filing	14/207345	10063924	Method And System For Transferring User Settings To Another User Receiving Device Using A Mobile User Device
DTV212073	United States	Continuation	16/028680		Method And System For Transferring User Settings To Another User Receiving Device Using A Mobile User Device
DTV212084	United States	Original Filing	13/670137	8726320	System And Method For Providing Service To A Multi-Dwelling Unit



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DTV212086	United States	Original Filing	13/832680	9894312	Method And System For Controlling A User Receiving Device Using Voice Commands
DTV212087	United States	Original Filing	13/832745	10585568	Method And System Of Bookmarking Content In A Mobile Device
DTV212087	United States	Continuation	16/750618		Method And System Of Bookmarking Content In A Mobile Device
DTV212089	United States	Original Filing	14/575934	10667008	Method And System For Setting And Receiving User Notifications For Content Available Far In The Future
DTV212098	United States	Original Filing	14/753928	9680230	Antenna Reflector Hydrophobic Coating And Method For Applying Same
DTV212102	United States	Original Filing	14/200565	10296487	Method And System For Operating User Receiving Devices With User Profiles
DTV212103	United States	Original Filing	13/767499	10257249	Method And System For Communicating Content To A Client Device By Pulling Content From A Publisher From A Content Delivery Network When First Requested By The Client Device
DTV212107	United States	Original Filing	14/102431	10082530	Method And Apparatus For Rapid And Scalable Testing Of Antennas
DTV212109	United States	Original Filing	14/106242	9271048	Systems And Methods For Immersive Viewing Experience
DTV212110	United States	Original Filing	13/743230	9973823	Method And System For Providing Access To Content Data For Previously Broadcasted Content
DTV212110	United States	Continuation	15/959748	10412458	Method And System For Providing Access To Content Data For Previously Broadcasted Content
DTV212112	United States	Original Filing	14/044399	9313532	Method And System For Securely Performing Callbacks In A Content Distribution System
DTV212117	United States	Original Filing	13/803004	10148375	Method And System For Displaying Recommended Content Such As Movies Associated With A Cluster
DTV212121	United States	Original Filing	13/803121	9053419	Method And System For Recording Recommended Content Using Clustering
DTV213003	United States	Original Filing	14/587930	9693083	Systems And Methods For Controlling Purchasing And/Or Reauthorization To Access Content Using Quick Response Codes And Text Messages
DTV213003	United States	Continuation	15/421059	10298981	Systems And Methods For Controlling Purchasing And/Or Reauthorization To Access Content Using Quick Response Codes And Text Messages

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DTV213003	United States	Division	16/275935	10743048	Systems And Methods For Controlling Purchasing And/Or Reauthorization To Access Content Using Quick Response Codes And Text Messages
DTV213012	United States	Original Filing	14/137237	9674306	Method And System For Communicating From A Client Device To A Server Device In A Centralized Content Distribution System
DTV213015	United States	Original Filing	14/871711	9608717	Method And System For Communicating Between A Media Processor And Network Processor In A Gateway Device
DTV213015	United States	Continuation	15/426431	10057299	Method And System For Communicating Between A Media Processor And Network Processor In A Gateway Device
DTV213015	United States	Continuation	16/021278	10237307	Method And System For Communicating Between A Media Processor And Network Processor In A Gateway Device
DTV213016	United States	Original Filing	13/832924	9414004	Method For Combining Voice Signals To Form A Continuous Conversation In Performing A Voice Search
DTV213017	United States	Original Filing	13/832874	10067934	Method And System For Generating Dynamic Text Responses For Display After A Search
DTV213017	United States	Continuation	16/048918	10878200	Method And System For Generating Dynamic Text Responses For Display After A Search
DTV213017	United States	Continuation	16/952702		Method And System For Generating Dynamic Text Responses For Display After A Search
DTV213021	United States	Original Filing	14/587700	9621961	Method And System For Controlling A Centralized Content Distribution System With A Remote Control
DTV213021	United States	Division	15/445090	10390100	Method And System For Controlling A Centralized Content Distribution System With A Remote Control
DTV213022	United States	Original Filing	14/871628	10200213	Method And System For Allocating Resources In A Gateway Device
DTV213024	United States	Original Filing	13/803516	10003780	Method And System For Recording Recommended Content Within A User Device And Indicating Recording Capacity
DTV213024	United States	Continuation	15/966154	10841554	Method And System For Recording Recommended Content Within A User Device And Playback Content From An Earlier Position When Live Content Is Selected

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DTV213034	United States	Original Filing	14/992624	10116723	Campus Content Distribution Systems And Methods
DTV213038	United States	Original Filing	14/592838	10356478	Systems And Methods For Spotted Advertising And Control Of Corresponding User Interfaces And Transactions Via User Receiving Devices And Mobile Devices
DTV213038	United States	Continuation	16/430855	10820059	Systems And Methods For Spotted Advertising And Control Of Corresponding User Interfaces And Transactions Via User Receiving Devices And Mobile Devices
DTV213047	United States	Original Filing	14/488015	9363566	Method And System For Prepositioning Content And Distributing Content In A Local Distribution System
DTV213055	United States	Original Filing	13/966982	9147927	Antenna Systems For Wireless Devices
DTV213056	United States	Original Filing	13/967011	9247676	Electronic Device Cooling Systems
DTV213069	United States	Original Filing	14/693663	9924233	Systems And Methods For Controlling A Single-Wire Multiswitch Device
DTV213069	United States	Continuation	15/887197	10764647	Systems And Methods For Controlling A Single-Wire Multiswitch Device
DTV213082	United States	Original Filing	14/590893	9621962	Methods And Systems For Recording And Sharing Digital Video
DTV213082	United States	Continuation	15/444887	9832537	Methods And Systems For Recording And Sharing Digital Video
DTV213082	United States	Continuation	15/789696	10149021	Methods And Systems For Recording And Sharing Digital Video
DTV213112	United States	Original Filing	14/586141	9432728	Peripheral Transponder Bonding Module
DTV213122	United States	Original Filing	14/592142	9451328	Methods And Systems For Variable Speed Playback With Bi-Directionality
DTV213123	United States	Original Filing	14/454653	9451316	Method And System For Using Hierarchical Metadata For Searching And Recording Content
DTV213123	United States	Continuation	15/268696	10231026	Method And System For Using Hierarchical Metadata For Searching And Recording Content
DTV213140	United States	Original Filing	14/586245	9479837	Systems And Methods For Managing Television Tuners
DTV213143	United States	Original Filing	14/589831	9973808	Streamlined Viewing Of Recorded Programs Based On Markers
DTV213143	United States	Continuation	15/950555	10805685	Streamlined Viewing Of Recorded Programs Based On Markers

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DTV213191	United States	Original Filing	15/440272	10694251	Preventing Inadvertent Viewing Of Media Content
DTV213201	United States	Original Filing	14/551404	9635412	System And Method For Providing A Callback Proxy For A Set Top Box With Support of ISM-Band Wide Area Network Access
DTV213214	United States	Original Filing	14/694513	9461693	Systems And Methods For Frequency And Bandwidth Optimization With A Single-Wire Multiswitch Device
DTV213214	United States	Division	15/270065	9859926	Systems And Methods For Frequency And Bandwidth Optimization With A Single-Wire Multiswitch Device
DTV213214	United States	Continuation	15/820496	10153790	Systems And Methods For Frequency And Bandwidth Optimization With A Single-Wire Multiswitch Device
DTV214007	United States	Original Filing	14/447150	9657891	Bracket For Mounting A User Receiving Device
DTV214011	United States	Original Filing	14/489776	9351414	Television Distribution Component Enclosure
DTV214015	United States	Original Filing	15/427538	10462527	Smart Channel Device
DTV214015	United States	Continuation	16/579913		Smart Channel Device
DTV214016	United States	Original Filing	15/422861	10657406	Optical Character Recognition Text Export From Video Program
DTV214023	United States	Original Filing	15/376819	10015555	Systems And Methods For Integrating A Set-Top Box With Internet Content
DTV214023	United States	Continuation	16/022168	10291963	Systems And Methods For Integrating A Set-Top Box With Internet Content
DTV214026	United States	Original Filing	15/441164	9973163	Context Sensitive Presentation Of Media Content
DTV214031	United States	Original Filing	14/246835	9594482	Method And System For Transferring The Display Of Content From A First Device To A Second Device
DTV214040	United States	Original Filing	14/469154		Method And System For Assembling Content Streams With Advertisements From Multiple Advertisement Vendors
DTV214043	United States	Original Filing	14/682968	9510060	Redundant Universal Transport Processing System
DTV214053	United States	Original Filing	15/376522	10469884	Devices For Presenting Video Program Segments In Accordance With Definition Documents
DTV214053	United States	Continuation	16/672622		Devices For Presenting Video Program Segments In Accordance With Definition Documents
DTV214053	United States	Continuation	Docketed - (D)		Devices For Presenting Video Program Segments In Accordance With Definition Documents

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DTV214056	United States	Original Filing	14/871944	10652114	Method And System For Analyzing Performance Of A Gateway Device
DTV214066	United States	Original Filing	14/630582	9743383	Hybrid Wireless - Wireline Communications System And Method
DTV214070	United States	Original Filing	14/880871	9961377	Systems And Methods For Providing Advertisements To Point Of Presence Devices Including Mapping Different Types Of Messages Of Respective Content Providers
DTV214082	United States	Original Filing	14/587496	10334303	Systems And Methods For Personalized Feature Setup And Parental Guidance Sensing
DTV214082	United States	Continuation	16/294072		Systems And Methods For Personalized Feature Setup And Parental Guidance Sensing
DTV214106	United States	Original Filing	29/497990	D753638	Bracket For Holding A User Receiving Device
DTV214107	United States	Original Filing	29/497996	D763062	Bracket With Upper Extension For Holding A User Receiving Device
DTV214108	United States	Original Filing	29/497998	D743359	Cover For User Receiving Device
DTV214109	United States	Original Filing	15/438469	10609453	Customized Recommendations Of Multimedia Content Streams
DTV214109	United States	Continuation	16/796389	11070880	Customized Recommendations Of Multimedia Content Streams
DTV214109	United States	Continuation	17/350348		Customized Recommendations Of Multimedia Content Streams
DTV214114	United States	Original Filing	29/502633	D743920	Housing For Holding Television Distribution Components
DTV214115	United States	Original Filing	14/586777	9521378	Remote Display Of Satellite Receiver Information
DTV214115	United States	Continuation	15/341816	9888217	Remote Display Of Satellite Receiver Information
DTV214115	United States	Continuation	15/861331	10805580	Remote Display Of Satellite Receiver Information
DTV214146	United States	Original Filing	14/598046	9380422	Method For Capturing And Serving Content Based On User Location
DTV214173	United States	Original Filing	14/563460	10136166	Method And System For Communicating Inserted Material To A Client Device In A Centralized Content Distribution System
DTV214179	United States	Original Filing	14/586804	9451220	System And Method For Aligning A Multi-Satellite Receiver Antenna
DTV214194	United States	Original Filing	15/069723	10412438	Method And System For Viewing Sports Content Within A Virtual Reality Environment
DTV214194	United States	Continuation	16/556712		Method And System For Viewing Sports Content Within A Virtual Reality Environment

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DTV214194	United States	Continuation	Docketed - (D)		Method And System For Viewing Sports Content Within A Virtual Reality Environment
DTV214195	United States	Original Filing	15/069737	9894403	Method And System For Selecting And Viewing Sports Content And A Scoreguide In A Virtual Reality Device
DTV214200	United States	Original Filing	14/871787	10181991	Method And System For Resetting Processors Of A Gateway Device
DTV214202	United States	Original Filing	14/629145	9538259	Messaging Between Set Top Box And Head End Systems
DTV214202	United States	Continuation	15/364059	10085075	Messaging Between Set Top Box And Head End Systems
DTV214203	United States	Original Filing	14/871832	9872055	Method And System For Preventing Congestion Of Communication Signals In A Gateway Device
DTV214205	United States	Original Filing	14/871864	10142240	Method And System For Performing Diagnostics In A Gateway Device Based On Monitoring Parameters
DTV214205	United States	Continuation	16/140958	10554561	Method And System For Performing Diagnostics In A Gateway Device Based On Monitoring Parameters
DTV214205	United States	Continuation	16/774811		Method And System For Performing Diagnostics In A Gateway Device Based On Monitoring Parameters
DTV214205	United States	Continuation	Docketed - (D)		Method And System For Performing Diagnostics In A Gateway Device Based On Monitoring Parameters
DTV214207	United States	Original Filing	14/871917	9794985	Method And System For Applying Quality Of Service Policies To Communication Signals Communicated To Non-Deep Packet Inspection Devices
DTV214209	United States	Original Filing	14/869569	11044386	Method And System For Synchronizing Playback Of Independent Audio And Video Streams Through A Network
DTV214209	United States	Continuation	17/326532		Method And System For Synchronizing Playback Of Independent Audio And Video Streams Through A Network
DTV214242	United States	Original Filing	15/462761	10250658	Hybrid Media Stream Delivery Using Multiple Network Connections

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DTV214253	United States	Original Filing	14/676020	10397659	Method And System For Personalizing The Display Of Recordings Stored In A User Receiving Device
DTV214253	United States	Continuation	16/437341	10715873	Method And System For Personalizing The Display Of Recordings Stored In A User Receiving Device
DTV215003	United States	Original Filing	15/476282	10264231	Dynamically Scaling The Color Temperature And Luminance Of A Display Output
DTV215006	United States	Original Filing	15/441172	10180682	Shared Control Of Vehicle Functions
DTV215006	United States	Continuation	16/238382	10942034	Shared Control Of Vehicle Functions
DTV215010	United States	Original Filing	14/983199	9578157	Method And System For Resuming Content Playback After Content Playback At An In-Vehicle Infotainment System
DTV215011	United States	Original Filing	14/983214	9928022	Method Of Controlling A Content Displayed In An In-Vehicle System
DTV215011	United States	Continuation	15/901085	10528314	Method Of Controlling A Content Displayed In An In-Vehicle System
DTV215011	United States	Continuation	16/735515	10996911	Method Of Controlling A Content Displayed In An In-Vehicle System
DTV215011	United States	Continuation	17/218289		Method Of Controlling A Content Displayed In An In-Vehicle System
DTV215012	United States	Original Filing	14/983231	10388156	Method And System For Displaying A Position Of A Vehicle At A Remotely Located Device
DTV215012	United States	Continuation	16/518156	10685562	Method And System For Displaying A Position Of A Vehicle At A Remotely Located Device
DTV215013	United States	Original Filing	14/982955	10142670	Method And System For Obtaining Content Data In An In-Vehicle Infotainment System From A Set Top Box
DTV215013	United States	Continuation	16/180150	10743056	Method And System For Obtaining Content Data In An In-Vehicle Infotainment System From A Set Top Box
DTV215027	United States	Original Filing	15/446424	10015526	Method And Apparatus For Access To Media Content
DTV215027	United States	Continuation	16/006407	10390052	Method And Apparatus For Access To Media Content
DTV215031	United States	Original Filing	15/371172	10798453	Content Scheduling
DTV215056	United States	Original Filing	14/635767	9729935	Switching Splitter And Method Of Operating The Same
DTV215057	United States	Original Filing	14/981530	11023115	Circular Video Player Controls
DTV215057	United States	Continuation	17/326119		Circular Video Player Controls

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DTV215058	United States	Original Filing	14/981551	10219040	Video Frame Bookmarking User Interface Component
DTV215060	United States	Original Filing	14/981590	10359847	Advertisement Viewing Bypass Prevention User Interface Component
DTV215086	United States	Original Filing	14/805564	9912976	Method And System For Directing Service Offerings Corresponding To A Customer Risk Profile
DTV215106	United States	Original Filing	15/366122	10187681	Enhanced Streaming Source Change
DTV215106	United States	Continuation	16/238870	10728601	Enhanced Streaming Source Change
DTV215108	United States	Original Filing	15/371186	10698565	Context-Based Icon For Control Via A Touch Sensitive Interface
DTV215111	United States	Original Filing	14/871835	9467726	Systems And Methods For Provisioning Multi-Dimensional Rule Based Entitlement Offers
DTV215111	United States	Continuation	15/266539	10264304	Systems And Methods For Provisioning Multi-Dimensional Rule Based Entitlement Offers
DTV215111	United States	Continuation	16/260835	10701422	Systems And Methods For Provisioning Multi-Dimensional Rule Based Entitlement Offers
DTV215120	United States	Original Filing	14/734329	9979926	Dynamic Segment Slicing For Faster Video Playback
DTV215121	United States	Original Filing	15/380187		Enhanced Transmission Of Media To Client Devices
DTV215125	United States	Original Filing	15/085919	10015545	Method And System For Performing A Function At A User Device By Combining Category Display Areas
DTV215125	United States	Continuation	15/982286	10271101	Method And System For Performing A Function At A User Device By Combining Category Display Areas
DTV215132	United States	Original Filing	15/910481	10582254	Flexible Event Recording System And Method
DTV215144	United States	Original Filing	15/459225	10390077	Collective Determination Of Interesting Portions Of A Media Presentation, Media Tagging and Jump Playback
DTV215147	United States	Original Filing	15/426545	9918135	Single Button Selection To Facilitate Actions In A Communications Network
DTV215147	United States	Continuation	15/884530	10834467	Single Button Selection To Facilitate Actions In A Communications Network
DTV215156	United States	Original Filing	15/371183	10277953	Search For Content Data In Content



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DTV215160	United States	Original Filing	15/451077	10356458	Controlling Content Presentation And Display Of Program Information In An Electronic Program Guide
DTV215165	United States	Original Filing	14/982326	10085070	Network Address Translator (NAT) Traversal For Out Of Home Streaming
DTV215166	United States	Original Filing	15/440387	10601946	Edge Cache Segment Prefetching
DTV215166	United States	Continuation	16/827093	11025740	Edge Cache Segment Prefetching
DTV215166	United States	Continuation	17/334411		Edge Cache Segment Prefetching
DTV215167	United States	Original Filing	15/455919	10834176	Automated End-To-End Application Deployment In A Data Center
DTV215167	United States	Continuation	17/092962		Automated End-To-End Application Deployment In A Data Center
DTV215181	United States	Original Filing	14/982920	10555026	Method And System For Providing Audio Signals To An In-Vehicle Infotainment System
DTV215181	United States	Continuation	16/773128	10951942	Method And System For Providing Audio Signals To An In-Vehicle Infotainment System
DTV215181	United States	Continuation	17/175721		Method And System For Providing Audio Signals To An In-Vehicle Infotainment System
DTV215231	United States	Original Filing	15/442044	10715875	Interactive Alert For A Viewable Highlight
DTV215255	United States	Original Filing	15/461680	10110955	Method And Apparatus For Recording Advertised Media Content
DTV215255	United States	Division	16/106884	10812860	Method And Apparatus For Recording Advertised Media Content
DTV215255	United States	Division	17/015989		Method And Apparatus For Recording Advertised Media Content
DTV215255	United States	Continuation	Docketed - (D)		Method And Apparatus For Recording Advertised Media Content
DTV215256	United States	Original Filing	15/433301	10798442	Coordination Of Connected Home Devices To Provide Immersive Entertainment Experiences
DTV215256	United States	Continuation	17/063693		Coordination Of Connected Home Devices To Provide Immersive Entertainment Experiences
DTV215267	United States	Original Filing	15/454798	10349090	Broadband Live Streaming Hub For A Media Processor
DTV215267	United States	Continuation	16/418335	10812836	Broadband Live Streaming Hub For A Media Processor
DTV215271	United States	Original Filing	15/370590	10768800	Scrolling Score Guide With Quick Tune Feature
DTV215280	United States	Original Filing	15/426146	10462498	Providing Options To Live Stream Multimedia Content

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DTV215285	United States	Original Filing	15/656859	10743045	System Method For Audio-Video Playback Recommendations
DTV215310	United States	Original Filing	15/460831	10187689	Dynamic Advertisement Insertion
DTV215310	United States	Continuation	16/249091	10812856	Dynamic Advertisement Insertion
DTV215311	United States	Original Filing	15/377419		Easy Play From A Specified Position In Time Of A Broadcast Of A Data Stream
DTV215332	United States	Original Filing	14/982988	10798463	Method And System Of Notifying Users Using An In-Vehicle Infotainment System
DTV215333	United States	Original Filing	14/982271	10181634	Outdoor Unit Configured For Customer Installation And Method Of Aligning Same
DTV970259	United States	Original Filing	09/950511	7047029	Adaptive Transmission System
DTV970358	United States	Division	11/999561	8179781	Method And Apparatus For Encoding Data For Transmission In A Communication System
DTV970422	United States	Division	10/418492	6985716	Radio Signal Broadcast System And Method
DTV980029	United States	Original Filing	10/116266	7149470	Direct Broadcast Receiver Utilizing Lnb In Cascade
DTV980126	United States	Continuation	10/387177	7936787	Technique For Data Compression By Decoding Binary Encoded Data
DTV980130	United States	Division	12/643736	8769586	Method And Apparatus For Conditionally Processing, Storing, And Displaying Digital Channel Content In A Television Reception System
DTV980135	United States	Continuation-In-Part	10/119202	8073955	Method And Apparatus For Tuning Used In A Broadcast Data System
DTV980135	United States	Continuation-In-Part	10/215234	7765568	Graphical Tuning Bar
DTV980142	United States	Original Filing	09/492725	7877290	System And Method For Transmitting, Receiving And Displaying Advertisements
DTV980154	United States	Original Filing	09/742175	6456257	System And Method For Switching Between Different Antenna Patterns To Satisfy Antenna Gain Requirements Over A Desired Coverage Angle
DTV980194	United States	Original Filing	09/664940	6810249	Method And System Of Efficient Spectrum Utilization By Communications Satellites
DTV980194	United States	Continuation	10/759766	7376417	Method And System Of Efficient Spectrum Utilization By Communications Satellites
DTV990077	United States	Original Filing	10/339918	7016643	Antenna Positioning System And Method For Simultaneous Reception Of Signals From A Plurality Of Satellites
DTV990082	United States	Original Filing	09/677524	6622006	System And Method For Detecting A Link Outage

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DTV990095	United States	Original Filing	09/583058	6694518	Method And Apparatus For Carrying Data Across High Definition Analog Component Video Interfaces
DTV990142	United States	Original Filing	09/590417	8082572	Method And Apparatus For Transmitting, Receiving, And Utilizing Audio/Visual Signals And Other Information
DTV990166	China	Original Filing	01112092.4	2001112092.4	Geo Stationary Communications System With No Delay
DTV990166	France	Original Filing	01105196.8	1139583	Geo Stationary Communications System With No Delay
DTV990166	Great Britain	Original Filing	01105196.8	1139583	Geo Stationary Communications System With No Delay
DTV990166	Germany	Original Filing	01105196.8	60121846.9	Geo Stationary Communications System With No Delay
DTV990173	United States	Original Filing	09/613938	6898248	System Employing Threaded Space-Time Architecture For Transporting Symbols And Receivers For Multi-User Detection And Decoding Of Symbols
DTV990180	United States	Division	10/755981	7324482	Method And Constructions For Space-Time Codes For Psk Constellations For Spatial Diversity In Multiple-Element Antenna Systems
DTV990219	United States	Division	11/043713	8572639	Broadcast Advertisement Adapting Method And Apparatus
DTV990227	United States	Original Filing	10/464113	7653349	Adaptive Return Link For Two-Way Satellite Communication Systems
DTV990228	United States	Original Filing	09/587792	6741834	Device And Method To Improve Integrated Presentation Of Existing Radio Services And Advanced Multimedia Services
DTV990238	United States	Original Filing	09/613607	6560295	Method Of Generating Space-Time Codes For Generalized Layered Space-Time Architectures
DTV990266	United States	Original Filing	09/675526	6441797	Aggregated Distribution Of Multiple Satellite Transponder Signals From A Satellite Dish Antenna
DTV990267	United States	Original Filing	09/711703	6762699	Method For Lossless Data Compression Using Greedy Sequential Grammar Transform And Sequential Encoding
DTV990270	United States	Original Filing	09/781658	6859906	System And Method Employing A Modular Decoder For Decoding Turbo And Turbo-Like Codes In A Communications Network

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DTV990271	United States	Continuation	11/270679	7725357	Pay Tv Billing, System Activation, And E-Commerce Using A Pay-Tv Receiver
DTV990287	United States	Original Filing	09/712618	6400289	System And Method For Performing Lossless Data Compression And Decompression
DTV990299	United States	Original Filing	09/734841	6697990	Interleaver Design For Parsed Parallel Concatenated Codes
DTV990305	United States	Original Filing	09/559372	8819723	System And Method For Brokering Auxiliary Data Broadcasting Services
DTV990307	United States	Original Filing	09/669140	6744789	System And Method For Translating Mpeg Packets Which Include Pcr Data Into Dvbs Packets Which Include Rts Data
DTV990309	United States	Original Filing	09/732837	7373085	Hybrid Satellite And Fiber Communications System
DTVX20601	United States	Original Filing	11/499635	9178693	Distributed Media-Protection Systems And Methods To Operate The Same
DTVX20602	United States	Original Filing	11/499636	9225761	Distributed Media-Aggregation Systems And Methods To Operate The Same
DTVY96005	United States	Original Filing	09/104713	9641873	Method And Apparatus For Controlling Broadcast Programming Content
QPM001	France	Original Filing	07717405.0	1980069	Reliable Event Broadcaster With Multiplexing And Bandwidth Control Functions
QPM001	Great Britain	Original Filing	07717405.0	1980069	Reliable Event Broadcaster With Multiplexing And Bandwidth Control Functions
QPM001	Germany	Original Filing	07717405.0	602007039222.5	Reliable Event Broadcaster With Multiplexing And Bandwidth Control Functions
QPM001	Ireland	Original Filing	07717405.0	1980069	Reliable Event Broadcaster With Multiplexing And Bandwidth Control Functions
QPM001	South Korea	Original Filing	20087018988	10-1503073	Reliable Event Broadcaster With Multiplexing And Bandwidth Control Functions
QPM001	Netherlands	Original Filing	07717405.0	1980069	Reliable Event Broadcaster With Multiplexing And Bandwidth Control Functions
QPM001	United States	Original Filing	11/626707	8149771	Reliable Event Broadcaster With Multiplexing And Bandwidth Control Functions
QPM001	United States	Continuation-In-Part	12/022914	8102864	Location-Specific Event Broadcasting
QPM001	United States	Continuation	13/355421	8325747	Location-Specific Event Broadcasting
QPM001	United States	Continuation	13/418275	8711696	Reliable Event Broadcaster With Multiplexing And Bandwidth Control Functions

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QPM001	United States	Continuation-In-Part	13/470129	8423660	Datacast With Hierarchical QoS
QPM001	United States	Division	13/705006	9088428	Location-Specific Event Broadcasting
QPM001	United States	Continuation	14/804231	9648113	Location Specific Event Broadcasting
QPM002	United States	Original Filing	12/436724	8127041	Datacasting With Automatic Delivery Of Service Management System
QPM002A	United States	Original Filing	12/436706	8311048	Datacasting With Intermittent Listener Capability
QPM002A	United States	Continuation	13/648635	8953627	Datacasting With Intermittent Listener Capability
QPM002A	United States	Continuation	14/618948	9992284	Datacasting System With Intermittent Listener Capability
QPM003	United States	Original Filing	11/956138	8671021	Mobile Media Platform
QPM003	United States	Continuation-In-Part	12/903125	9124650	Mobile Media Platform
QPM003	United States	Continuation-In-Part	13/917078	9571902	Time Synchronizing Of Distinct Video And Data Feeds That Are Delivered In A Single Mobile IP Data Network Compatible Stream
QPM003	United States	Continuation	15/405805	10327044	Time Synchronizing Of Distinct Video And Data Feeds That Are Delivered In A Single Mobile IP Data Network Compatible Stream
QPM003A	United States	Original Filing	11/956162	8219134	Mobile Media Platform
QPM003A	United States	Continuation	13/454489	8805270	Mobile Media Platform
QPM003A	United States	Continuation	14/290441	9064011	Mobile Media Platform
QPM003A	United States	Continuation	14/553813	10031969	Seamlessly Switching Among Unicast, Multicast, And Broadcast Mobile Media Content
QPM003B	United States	Original Filing	11/956171	9064010	Mobile Media Platform
QPM003C	United States	Continuation	14/501560	10083234	Automated Content Tag Processing For Mobile Media
QPM003C	United States	Continuation	16/109232	10409862	Automated Content Tag Processing For Mobile Media
QPM003C	United States	Continuation	16/531442		Automated Content Tag Processing For Mobile Media
QPM003D	United States	Original Filing	11/956186	8995815	Mobile Media Platform
QPM003D	United States	Division	13/568873	8855469	Mobile Media Platform
QPM003D	United States	Continuation	14/531370	10180982	Mobile Media Pause And Resume
QPM003D	United States	Continuation	16/242254		Mobile Media Pause And Resume
QPM003E	United States	Original Filing	11/956194	9697280	Mediation And Settlement For Mobile Media
QPM003E	United States	Continuation	15/608650	10078694	Mediation And Settlement For Mobile Media
QPM003E	United States	Continuation	16/103242	10459977	Mediation And Settlement For Mobile Media

Docket Number	Country	Relation Type	Application No.	Patent No.	Title
QPM004	United States	Original Filing	12/418576	8892761	Progressive Download Playback
QPM004	United States	Continuation	14/503516	9866604	Progressive Download Playback
QPM2017-0326	United States	Original Filing	15/845471	10764396	Media Transcoding Based On Priority Of Media
QPM2017-0326	United States	Continuation	17/008550		Media Transcoding Based On Priority Of Media