PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6631899

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
MUFG UNION BANK, N.A.	03/31/2021

RECEIVING PARTY DATA

Name:	MAXLINEAR, INC.
Street Address:	5966 LA PLACE COURT
Internal Address:	SUITE 100
City:	CARLSBAD
State/Country:	CALIFORNIA
Postal Code:	92008
Name:	MAXLINEAR COMMUNICATIONS LLC
Street Address:	5966 LA PLACE COURT
Internal Address:	SUITE 100
City:	CARLSBAD
State/Country:	CALIFORNIA
Postal Code:	92008

PROPERTY NUMBERS Total: 295

Property Type	Number
Application Number:	13485003
Application Number:	14107212
Application Number:	14563476
Application Number:	15419063
Application Number:	15991488
Application Number:	12979270
Application Number:	13865489
Application Number:	14628627
Application Number:	15207085
Application Number:	15789372
Application Number:	13607916
Application Number:	14341880
Application Number:	14948947

Property Type	Number
Application Number:	15802291
Application Number:	16010671
Application Number:	13349856
Application Number:	14541349
Application Number:	14981102
Application Number:	13301488
Application Number:	14305417
Application Number:	15783116
Application Number:	15943141
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Application Number:	14335989
Application Number:	15878099
Application Number:	16444524
Application Number:	13356265
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Application Number:	14302152
Application Number:	14719393
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Application Number:	16259021
Application Number:	13723897
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Application Number:	15297595
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Application Number:	15444648
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Application Number:	14690607

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Application Number:	15251349
Application Number:	13768940
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Application Number:	16674594

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Property Type	Number
Application Number:	12117890
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Application Number:	15205962
Application Number:	14774845
Application Number:	16161466
Application Number:	15037955
Application Number:	15030751
Application Number:	15037931
Application Number:	16735995
Application Number:	11618922
Application Number:	10735521

CORRESPONDENCE DATA

Fax Number: (312)775-8100

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.

Phone: 3127758000
Email: mhmpto@mcandrews-ip.com
Correspondent Name: MCANDREWS, HELD & MALLOY
Address Line 1: 500 WEST MADISON STREET
Address Line 2: FLOOR 34
Address Line 4: CHICAGO, ILLINOIS 60661

ATTORNEY DOCKET NUMBER:	MXL 03600-76698US01
NAME OF SUBMITTER:	CHRISTOPHER C. WINSLADE
SIGNATURE:	/Christopher C. Winslade/
DATE SIGNED:	03/31/2021

Total Attachments: 48
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Termination and Release of Security Interest in Certain Patents

This **Termination and Release of Security Interest in Certain Patents** (this "Termination"), dated as of March 31, 2021, is executed by MUFG UNION BANK, N.A., in its capacity as Collateral Agent (the "Collateral Agent"), in favor of MAXLINEAR, INC. and MAXLINEAR COMMUNICATIONS LLC (individually, a "Debtor", and, collectively, the "Debtors"). All capitalized terms used in this Termination and not otherwise defined herein, shall have the respective meanings given to such terms in the Security Agreement (defined below).

RECITALS

A. Pursuant to that certain Patent Security Agreement, dated as of May 28, 2020 (as amended, the "Security Agreement"), by and between Debtors and Collateral Agent, Debtors granted to Collateral Agent a security interest in the IP Collateral, including the Released Patents (as defined below).

B. The Notice of Succession of Agency was recorded with the Patent Division of the United States Patent and Trademark Office on July 1, 2020, at Reel/Frame 053116/0418, and The Notice of Succession of Agency was recorded with the Patent Division of the United States Patent and Trademark Office on July 1, 2020, at Reel/Frame 053115/0842.

C. In reliance of the Debtors' representations and warranties concerning the transactions referenced in that certain Officer's Certificate, dated March 31, 2021, the Collateral Agent agrees to execute this Termination in order to evidence the termination and release of its security interest in and to Released Patents.

AGREEMENT

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Collateral Agent hereby agrees as follows:

(a) The Collateral Agent, without representation, warranty or recourse of any kind, expressly terminates and releases all of Collateral Agent's security interest in, to and under the following (collectively, the "Released Patents") arising under the Security Agreement:

(i) The patents and patent applications listed on Schedule I attached hereto, together with any and all (1) rights and privileges arising under applicable law with respect to the foregoing and all rights corresponding thereto throughout the world, (2) inventions, discoveries, designs and improvements described or claimed therein, (3) reissues, divisions, continuations, reexaminations, extensions and continuations-in-part thereof and amendments thereto and (4) rights to sue for past, present and future infringements thereof; and

(ii) All Proceeds of any and all of the foregoing.

(b) This Termination is applicable only and solely with respect to the Released Patents and to no other collateral arising under the Security Agreement (the "Retained Collateral"). The Collateral Agent retains all security interests, liens, rights, titles and interests pledged and granted to the Collateral Agent under the Security Agreement with respect to all such Retained Collateral, and the Collateral Agent's security interest, liens, rights, titles and interests in such Retained Collateral shall not, and shall not be deemed to, be impaired, interrupted or otherwise modified in any respect by this Termination.

(c) The Collateral Agent authorizes and requests the Patent Division of the United States Patent and Trademark Office to record this Termination.

[Signature Page Follows]

IN WITNESS WHEREOF, the Collateral Agent has executed and delivered this Termination as of the day and year first above written.

MUFG UNION BANK, N.A.,
as Collateral Agent

By: _____
Name: Keith Sevigny
Title: Vice President

SCHEDULE I

PATENTS TO BE ASSIGNED

Application No.	Publication / Patent No.	Country	Filing Date	Title of Patent
US09/910412	US7594249	US	2001-07-21	NETWORK INTERFACE DEVICE AND BROADBAND LOCAL AREA NETWORK USING COAXIAL CABLE
US10/215609	US7428238	US	2002-08-09	BROADBAND NETWORK BRIDGING VARIOUS WIRING CHANNELS
US10/386094	US7154957	US	2003-03-10	POWER SPECTRUM SHAPING TO REDUCE INTERFERENCE EFFECTS IN DEVICES SHARING A COMMUNICATION MEDIUM
US12/538339	US20090296611	US	2009-08-10	BROADBAND NETWORK FOR COAXIAL CABLE USING MULTI-CARRIER MODULATION
US10/322834	US7295518	US	2002-12-18	BROADBAND NETWORK FOR COAXIAL CABLE USING MULTI-CARRIER MODULATION
US11/938283	US7499397	US	2007-11-11	BROADBAND NETWORK FOR COAXIAL CABLE USING MULTI-CARRIER MODULATION
US11/938770	US7573822	US	2007-11-12	BROADBAND NETWORK FOR COAXIAL CABLE USING MULTI-CARRIER MODULATION
US13/090907	US8411565	US	2011-04-20	BROADBAND NETWORK FOR COAXIAL CABLE USING MULTI-CARRIER MODULATION
US15/860400	US20180131588	US	2018-01-02	BROADBAND CABLE NETWORK UTILIZING COMMON BIT-LOADING
US10/889975	US7889759	US	2004-07-12	BROADBAND CABLE NETWORK UTILIZING COMMON BIT-LOADING
US13/027030	US8588250	US	2011-02-14	BROADBAND CABLE NETWORK UTILIZING COMMON BIT-LOADING
US14/082544	US9112803	US	2013-11-18	BROADBAND CABLE NETWORK UTILIZING COMMON BIT-LOADING
US14/829036	US9860144	US	2015-08-18	BROADBAND CABLE NETWORK UTILIZING COMMON BIT-LOADING

Application No.	Publication / Patent No.	Country	Filing Date	Title of Patent
US09/965242	US7590168	US	2001-09-26	LOW COMPLEXITY HIGH-SPEED COMMUNICATIONS TRANSCEIVER
AU2002318330A	AU2002318330	AU	2002-07-08	MULTI-CHANNEL COMMUNICATIONS TRANSRECEIVER
US09/904432	US7295623	US	2001-07-11	HIGH-SPEED COMMUNICATIONS TRANSCEIVER
US12/558781	US8787430	US	2009-09-14	LOW COMPLEXITY HIGH-SPEED COMMUNICATIONS TRANSCEIVER
US10/071771	US7236757	US	2002-02-06	HIGH-SPEED MULTI-CHANNEL COMMUNICATIONS TRANSCEIVER WITH INTER-CHANNEL INTERFERENCE FILTER
US10/167158	US20030112896	US	2002-06-10	MULTI-CHANNEL COMMUNICATIONS TRANSCEIVER
EP02748158A	EP1407572	EP	2002-07-08	MULTI-CHANNEL COMMUNICATIONS TRANSCEIVER
US10/310255	US7403752	US	2002-12-04	MULTI-CHANNEL COMMUNICATIONS TRANSCEIVER
CN02817774A	CN1596520	CN	2002-07-08	MULTI-CHANNEL COMMUNICATIONS TRANSCEIVER
TW91115102A	TWI238628	TW	2002-07-08	MULTI-CHANNEL COMMUNICATIONS TRANSCEIVER AND METHOD
US0222339W	WO03007564	WO	2002-07-08	MULTI-CHANNEL COMMUNICATIONS TRANSRECEIVER
US09/443054	US6552738	US	1999-11-18	USER INTERFACE FOR CONTROL OF A DISPLAY DEVICE
EP02775131A	EP1444834	EP	2002-10-18	APPARATUS AND METHOD FOR MULTIMEDIA PROCESSING
IB0204352W	WO03039160	WO	2002-10-18	APPARATUS AND METHOD FOR MULTIMEDIA PROCESSING
CN02821816A	CN1272966	CN	2002-10-18	APPARATUS AND METHOD FOR

Application No.	Publication / Patent No.	Country	Filing Date	Title of Patent
				MULTIMEDIA PROCESSING
JP2003541278A	JP4216191	JP	2002-10-18	MULTIMEDIA PROCESSING APPARATUS AND METHOD
KR20047006432A	KR100919370	KR	2002-10-18	APPARATUS AND METHOD FOR MULTIMEDIA PROCESSING
US10/003062	US7116712	US	2001-11-02	APPARATUS AND METHOD FOR PARALLEL MULTIMEDIA PROCESSING
US10/735521	US20040209584	US	2003-12-11	INTEGRATED CROSSPOINT SWITCH WITH BAND TRANSLATION
US10/735523	US20040209588	US	2003-12-11	MIXER CIRCUIT WITH BYPASS AND MIXING MODES HAVING CONSTANT EVEN ORDER GENERATION AND METHOD OF OPERATION
US10/734603	US20040214537	US	2003-12-11	SIGNAL DISTRIBUTION SYSTEM CASCADABLE AGC DEVICE AND METHOD
US10/734604	US20050005296	US	2003-12-11	NXM CROSSPOINT SWITCH WITH BAND TRANSLATION
EP03812996A	EP1576751	EP	2003-12-11	SIGNAL DISTRIBUTION SYSTEM CASCADABLE AGC DEVICE AND METHOD
US0339741W	WO2004054128	WO	2003-12-11	INTEGRATED CROSSPOINT SWITCH WITH BAND TRANSLATION
US0339677W	WO2004054145	WO	2003-12-11	SIGNAL DISTRIBUTION SYSTEM CASCADABLE AGC DEVICE AND METHOD
US0339678W	WO2004054312	WO	2003-12-11	NXM CROSSPOINT SWITCH WITH BAND TRANSLATION
US11/618922	US20070111661	US	2007-01-01	INTEGRATED CROSSPOINT SWITCH WITH BAND TRANSLATION
AU2003297006A	AU2003297006	AU	2003-12-11	SIGNAL DISTRIBUTION SYSTEM CASCADABLE AGC DEVICE AND METHOD

Application No.	Publication / Patent No.	Country	Filing Date	Title of Patent
AT03797006T	AT403276	AT	2003-12-11	INTEGRATED CROSS-LINKING WITH BAND IMPLEMENTATION
AU2003293542A	AU2003293542	AU	2003-12-11	NXM CROSSPOINT SWITCH WITH BAND TRANSLATION
AU2003297935A	AU2003297935	AU	2003-12-11	INTEGRATED CROSSPOINT SWITCH WITH BAND TRANSLATION
EP03797006A	EP1573931	EP	2003-12-11	INTEGRATED CROSSPOINT SWITCH WITH BAND TRANSLATION
US12/477339	US20090239491	US	2009-06-03	SIGNAL DISTRIBUTION SYSTEM CASCADABLE AGC DEVICE AND METHOD
EP03790493A	EP1574084	EP	2003-12-11	NXM CROSSPOINT SWITCH WITH BAND TRANSLATION
AT03790493T	AT458358	AT	2003-12-11	CROSS-REFERENCE WITH BAND IMPLEMENTATION
US14/882937	US20160072534	US	2015-10-14	SIGNAL DISTRIBUTION SYSTEM CASCADABLE AGC DEVICE AND METHOD
DK03790493T	DK1574084	DK	2003-12-11	NXM CROSS-POINT CONTACT WITH BAND TURNOVER
DE60322583T	DE60322583	DE	2003-12-11	INTEGRATED CROSS-LINKING WITH BAND IMPLEMENTATION
DE60331350T	DE60331350	DE	2003-12-11	CROSS-REFERENCE WITH BAND IMPLEMENTATION
JP2004558210A	JP2006510247	JP	2003-12-11	INTEGRATED CROSSPOINT SWITCH WITH BANDWIDTH CONVERSION FUNCTION
US11/164768	US7271640	US	2005-12-05	MIXER CIRCUIT WITH BYPASS AND MIXING MODES HAVING CONSTANT EVEN ORDER GENERATION AND METHOD OF OPERATION
US11/537628	US7526264	US	2006-09-30	NXM CROSSPOINT SWITCH WITH BAND TRANSLATION
US11/538627	US7558551	US	2006-10-04	SIGNAL DISTRIBUTION SYSTEM CASCADABLE AGC DEVICE AND METHOD

Application No.	Publication / Patent No.	Country	Filing Date	Title of Patent
CN200380108801A	CN100555885	CN	2003-12-11	INTEGRATED CROSSPOINT SWITCH WITH BAND TRANSLATION
CN200380108717A	CN1739252	CN	2003-12-11	SIGNAL DISTRIBUTION SYSTEM CASCADABLE AGC DEVICE AND METHOD
US10/675566	US8223775	US	2003-09-30	ARCHITECTURE FOR A FLEXIBLE AND HIGH-PERFORMANCE GATEWAY CABLE MODEM
US10/289011	US7130576	US	2002-11-06	SIGNAL SELECTOR AND COMBINER FOR BROADBAND CONTENT DISTRIBUTION
US11/553456	US7542715	US	2006-10-26	SIGNAL SELECTOR AND COMBINER FOR BROADBAND CONTENT DISTRIBUTION
US2007089192W	WO2008064371	WO	2007-12-31	SATELLITE SIGNAL FREQUENCY TRANSLATION AND STACKING
EP07870121A	EP2087623	EP	2007-12-31	SATELLITE SIGNAL FREQUENCY TRANSLATION AND STACKING
AT07870121T	AT474388	AT	2007-12-31	FREQUENCY TRANSMISSION AND STACKING OF SATELLITE SIGNALS
DE602007007808T	DE602007007808	DE	2007-12-31	FREQUENCY TRANSMISSION AND STACKING OF SATELLITE SIGNALS
PT07870121T	PT2087623	PT	2007-12-31	SATELLITE SIGNAL FREQUENCY TRANSLATION AND STACKING
US15/830072	US10439746	US	2017-12-04	SATELLITE SIGNAL FREQUENCY TRANSLATION AND STACKING
US16/595527	US20200280382	US	2019-10-08	SATELLITE SIGNAL FREQUENCY TRANSLATION AND STACKING
US16/883504	US20200295858	US	2020-05-26	SATELLITE SIGNAL FREQUENCY TRANSLATION AND STACKING

Application No.	Publication / Patent No.	Country	Filing Date	Title of Patent
US12/015773	US8023912	US	2008-01-17	CIRCUITS, SYSTEMS AND METHODS FOR FREQUENCY TRANSLATION AND SIGNAL DISTRIBUTION
US12/016998	US8086170	US	2008-01-19	SATELLITE SIGNAL FREQUENCY TRANSLATION AND STACKING
US13/334975	US8892026	US	2011-12-22	SATELLITE SIGNAL FREQUENCY TRANSLATION AND STACKING
US12/015760	US9219557	US	2008-01-17	CIRCUITS, SYSTEMS AND METHODS FOR CONSTRUCTING A COMPOSITE SIGNAL
US14/451359	US9413476	US	2014-08-04	SATELLITE SIGNAL FREQUENCY TRANSLATION AND STACKING
US14/978049	US9853757	US	2015-12-22	SATELLITE SIGNAL FREQUENCY TRANSLATION AND STACKING
DK08727812T	DK2119069	DK	2008-01-17	TRANSLATIONAL SWITCHING SYSTEM AND SIGNAL DISTRIBUTION SYSTEM USING THE SAME
AT08727812T	AT511253	AT	2008-01-17	TRANSLATION SWITCHING SYSTEM AND SIGNAL DISTRIBUTION SYSTEM THEREWITH
US2008051287W	WO2008089317	WO	2008-01-17	CIRCUITS, SYSTEMS, AND METHODS FOR FREQUENCY TRANSLATION AND SIGNAL DISTRIBUTION
US2008051290W	WO2008089318	WO	2008-01-17	TRANSLATIONAL SWITCHING SYSTEM AND SIGNAL DISTRIBUTION SYSTEM EMPLOYING SAME
US2008051285W	WO2008089315	WO	2008-01-17	CIRCUITS, SYSTEMS, AND METHODS FOR CONSTRUCTING A COMPOSITE SIGNAL
EP08727807A	EP2119067	EP	2008-01-17	CIRCUITS, SYSTEMS, AND METHODS FOR CONSTRUCTING A COMPOSITE SIGNAL

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EP08727809A	EP2119068	EP	2008-01-17	CIRCUITS, SYSTEMS, AND METHODS FOR FREQUENCY TRANSLATION AND SIGNAL DISTRIBUTION
EP08727812A	EP2119069	EP	2008-01-17	TRANSLATIONAL SWITCHING SYSTEM AND SIGNAL DISTRIBUTION SYSTEM EMPLOYING SAME
US12/015774	US8009725	US	2008-01-17	TRANSLATIONAL SWITCHING SYSTEM AND SIGNAL DISTRIBUTION SYSTEM EMPLOYING SAME
US13/220530	US8300681	US	2011-08-29	TRANSLATIONAL SWITCHING SYSTEM AND SIGNAL DISTRIBUTION SYSTEM EMPLOYING SAME
ES07870121T	ES2348410	ES	2007-12-31	FREQUENCY SIGNAL OF SATELLITE AND STACKED TRANSLATION.
US2008053212W	WO2008098075	WO	2008-02-06	FULL MESH RATES TRANSACTION IN A NETWORK
US2008053222W	WO2008098083	WO	2008-02-06	PARAMETERIZED QUALITY OF SERVICE ARCHITECTURE IN A NETWORK
US2008053202W	WO2008098066	WO	2008-02-06	A LAYER-2 MANAGEMENT ENTITY MESSAGING FRAMEWORK IN A NETWORK
EP08729205A	EP2115954	EP	2008-02-06	PARAMETERIZED QUALITY OF SERVICE ARCHITECTURE IN A NETWORK
EP08729196A	EP2119126	EP	2008-02-06	FULL MESH RATES TRANSACTION IN A NETWORK
US12/027216	US8176181	US	2008-02-06	LAYER-2 MANAGEMENT ENTITY MESSAGING FRAMEWORK IN A NETWORK
EP08729186A	EP2115945	EP	2008-02-06	A LAYER-2 MANAGEMENT ENTITY MESSAGING FRAMEWORK IN A NETWORK
JP2009549223A	JP5168699	JP	2008-02-06	PARAMETERIZED QUALITY OF SERVICE

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				ARCHITECTURE IN NETWORKS
JP2009549219A	JP5266258	JP	2008-02-06	LAYER 2 MANAGEMENT ENTITY MESSAGING FRAMEWORK IN THE NETWORK
KR20097017142A	KR101457241	KR	2008-02-06	FULL MESH RATES TRANSACTION IN A NETWORK
US15/832390	US10432422	US	2017-12-05	PARAMETERIZED QUALITY OF SERVICE ARCHITECTURE IN A NETWORK
US12/027228	US8352569	US	2008-02-06	FULL MESH RATES TRANSACTION IN A NETWORK
US12/027202	US9838213	US	2008-02-06	PARAMETERIZED QUALITY OF SERVICE ARCHITECTURE IN A NETWORK
KR20097019206A	KR20090121327	KR	2008-02-14	PARAMETERIZED QUALITY OF SERVICE IN A NETWORK
US16/681244	US20200099629	US	2019-11-12	PARAMETERIZED QUALITY OF SERVICE IN A NETWORK
US12/031496	US20080212591	US	2008-02-14	PARAMETERIZED QUALITY OF SERVICE IN A NETWORK
US2008054006W	WO2008101112	WO	2008-02-14	PARAMETERIZED QUALITY OF SERVICE IN A NETWORK
EP08729901A	EP2119131	EP	2008-02-14	PARAMETERIZED QUALITY OF SERVICE IN A NETWORK
EP12152213A	EP2448198	EP	2008-02-14	PARAMETERIZED QUALITY OF SERVICE IN A NETWORK
EP12152215A	EP2456143	EP	2008-02-14	PARAMETERIZED QUALITY OF SERVICE IN A NETWORK
EP12152218A	EP2458801	EP	2008-02-14	PARAMETERIZED QUALITY OF SERVICE IN A NETWORK
EP12152219A	EP2469779	EP	2008-02-14	PARAMETERIZED QUALITY OF SERVICE IN A NETWORK
CN200880004836A	CN101632266	CN	2008-02-14	PARAMETERIZED QUALITY OF SERVICE IN A NETWORK

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US15/275180	US20170034074	US	2016-09-23	PARAMETERIZED QUALITY OF SERVICE IN A NETWORK
CN200880007920A	CN101632259	CN	2008-02-06	A LAYER-2 MANAGEMENT ENTITY MESSAGING FRAMEWORK IN A NETWORK
CN200880007840A	CN101632261	CN	2008-02-06	FULL MESH RATES TRANSACTION IN A NETWORK
CN200880007820A	CN101632268	CN	2008-02-06	PARAMETERIZED QUALITY OF SERVICE ARCHITECTURE IN A NETWORK
US2010050948W	WO2011041573	WO	2010-09-30	SYSTEM AND METHOD FOR A MANAGED NETWORK WITH QUALITY-OF-SERVICE
EP10821278A	EP2484057	EP	2010-09-30	SYSTEM AND METHOD FOR A MANAGED NETWORK WITH QUALITY-OF-SERVICE
KR20127009898A	KR20120099412	KR	2010-09-30	SYSTEM AND METHOD FOR A MANAGED NETWORK WITH QUALITY-OF-SERVICE
US15/975946	US20180262359	US	2018-05-10	SYSTEM AND METHOD FOR A MANAGED NETWORK WITH QUALITY-OF-SERVICE MANAGEMENT
US12/895312	US10009189	US	2010-09-30	SYSTEM AND METHOD FOR A MANAGED NETWORK WITH QUALITY-OF-SERVICE MANAGEMENT
US2008063231W	WO2008141169	WO	2008-05-09	AGGREGATING NETWORK PACKETS FOR TRANSMISSION TO A DESTINATION NODE
US13/556040	US8750298	US	2012-07-23	AGGREGATING NETWORK PACKETS FOR TRANSMISSION TO A DESTINATION NODE
US12/117890	US8228910	US	2008-05-09	AGGREGATING NETWORK PACKETS FOR TRANSMISSION TO A DESTINATION NODE
US11/027952	US7477871	US	2004-12-31	SIGNAL SELECTOR AND COMBINER SYSTEM FOR BROADBAND CONTENT DISTRIBUTION

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IB2008054071W	WO2009044382	WO	2008-10-03	METHOD, SYSTEM AND APPARATUS FOR EXTENDED RATE/RANGE COMMUNICATION OF MULTIMEDIA DATA OVER COAXIAL CABLE NETWORK
TW97138116A	TW200926809	TW	2008-10-03	METHOD, SYSTEM AND APPARATUS FOR EXTENDED RATE/RANGE COMMUNICATION OVER A COMMUNICATION NETWORK
US12/245498	US8351368	US	2008-10-03	METHOD FOR EXTENDED RATE/RANGE COMMUNICATION OVER A COMMUNICATION NETWORK
US13/735957	US9413632	US	2013-01-07	METHOD FOR EXTENDED RATE/RANGE COMMUNICATION OVER A COMMUNICATION NETWORK
US2008079365W	WO2009049059	WO	2008-10-09	LOW-COMPLEXITY DIVERSITY USING COARSE FFT AND SUBBAND-WISE COMBINING
EP08837075A	EP2198524	EP	2008-10-09	LOW-COMPLEXITY DIVERSITY USING COARSE FFT AND SUBBAND-WISE COMBINING
KR20107010024A	KR20100076011	KR	2008-10-09	LOW-COMPLEXITY DIVERSITY USING COARSE FFT AND SUBBAND-WISE COMBINING
CN200880115729A	CN101878595	CN	2008-10-09	LOW-COMPLEXITY DIVERSITY USING COARSE FFT AND SUBBAND-WISE COMBINING
JP2010529043A	JP2011501522	JP	2008-10-09	LOW COMPLEXITY DIVERSITY USING COARSE FFT AND SUBBAND UNIT SYNTHESIS
TW97138893A	TW200926647	TW	2008-10-09	LOW-COMPLEXITY DIVERSITY USING COARSE FFT AND

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				SUBBAND-WISE COMBINING
US12/247908	US8010070	US	2008-10-08	LOW-COMPLEXITY DIVERSITY USING COARSE FFT AND SUBBAND-WISE COMBINING
US2010060145W	WO2011072305	WO	2010-12-13	LOW-COMPLEXITY DIVERSITY USING PREEQUALIZATION
US14/230055	US9014649	US	2014-03-31	LOW-COMPLEXITY DIVERSITY RECEPTION
US15/251349	US20160373182	US	2016-08-30	LOW-COMPLEXITY DIVERSITY RECEPTION
US12/966905	US8472912	US	2010-12-13	LOW-COMPLEXITY DIVERSITY USING PREEQUALIZATION
US13/556649	US8688064	US	2012-07-24	LOW-COMPLEXITY DIVERSITY RECEPTION
US14/690607	US9432104	US	2015-04-20	LOW-COMPLEXITY DIVERSITY RECEPTION
US13/563955	US8548411	US	2012-08-01	LOW-COMPLEXITY DIVERSITY RECEPTION
US2012040738W	WO2012167250	WO	2012-06-04	MULTI-LAYER TIME-INTERLEAVED ANALOG-TO-DIGITAL CONVERTOR (ADC)
EP12792638A	EP2715943	EP	2012-06-04	MULTI-LAYER TIME-INTERLEAVED ANALOG-TO-DIGITAL CONVERTOR (ADC)
US15/991488	US20180278408	US	2018-05-29	SIGNAL RECEIVER WITH MULTI-LEVEL SAMPLING
CN201280036929A	CN103703688	CN	2012-06-04	MULTILAYER IS TIME-INTERLEAVED/NUMBER CONVERTER (ADC)
KR20147000234A	KR101879906	KR	2012-06-04	MULTI-LAYER TIME-INTERLEAVED ANALOG-TO-DIGITAL CONVERTOR(ADC)
US13/485003	US8611483	US	2012-05-31	MULTI-LAYER TIME-INTERLEAVED ANALOG-TO-DIGITAL CONVERTOR (ADC)
US14/107212	US8934590	US	2013-12-16	SIGNAL RECEIVER WITH MULTI-LEVEL SAMPLING
US14/563476	US9559835	US	2014-12-08	SIGNAL RECEIVER WITH MULTI-LEVEL SAMPLING
US15/419063	US9985777	US	2017-01-30	MULTI-LAYER TIME-INTERLEAVED ANALOG-TO-DIGITAL CONVERTOR (ADC)

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US13/607916	US8792008	US	2012-09-10	METHOD AND APPARATUS FOR SPECTRUM MONITORING
US15/802291	US10063436	US	2017-11-02	METHOD AND APPARATUS FOR SPECTRUM MONITORING
US16/010671	US10439911	US	2018-06-18	METHOD AND APPARATUS FOR SPECTRUM MONITORING
US14/341880	US9203653	US	2014-07-28	METHOD AND APPARATUS FOR SPECTRUM MONITORING
US14/948947	US9825826	US	2015-11-23	METHOD AND APPARATUS FOR SPECTRUM MONITORING
US14/551737	US20150089549	US	2014-11-24	METHOD AND SYSTEM FOR FULL SPECTRUM CAPTURE FOR SATELLITE AND TERRESTRIAL APPLICATIONS
US13/857755	US20130268977	US	2013-04-05	METHOD AND SYSTEM FOR FULL SPECTRUM CAPTURE FOR TERRESTRIAL APPLICATIONS
US13/857776	US20130268978	US	2013-04-05	METHOD AND SYSTEM FOR FULL SPECTRUM CAPTURE FOR SATELLITE AND TERRESTRIAL APPLICATIONS
US2013035387W	WO2013152263	WO	2013-04-05	METHOD AND SYSTEM FOR MULTI-SERVICE RECEPTION
US2013035503W	WO2013152320	WO	2013-04-05	METHOD AND SYSTEM FOR FULL SPECTRUM CAPTURE FOR TERRESTRIAL APPLICATIONS
US13/546704	US8466850	US	2012-07-11	METHOD AND SYSTEM FOR MULTI-SERVICE RECEPTION
US13/845363	US8797220	US	2013-03-18	METHOD AND SYSTEM FOR MULTI-SERVICE RECEPTION
US14/444537	US9258621	US	2014-07-28	METHOD AND SYSTEM FOR MULTI-SERVICE RECEPTION
US13/591768	US9008571	US	2012-08-22	METHOD AND SYSTEM FOR A SINGLE FREQUENCY NETWORK FOR BROADCASTING TO MOBILE DEVICES

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US14/684602	US20150326329	US	2015-04-13	METHOD AND SYSTEM FOR A SINGLE FREQUENCY NETWORK FOR BROADCASTING TO MOBILE DEVICES
US15/019387	US20160156407	US	2016-02-09	METHOD AND SYSTEM FOR A SINGLE FREQUENCY NETWORK FOR BROADCASTING TO MOBILE DEVICES
US11/027999	US7522875	US	2004-12-31	SIGNAL SELECTOR AND COMBINER SYSTEM FOR BROADBAND CONTENT DISTRIBUTION
US12/473656	US7995459	US	2009-05-28	ECHO PROFILE PROBE
US13/032580	US8588055	US	2011-02-22	ECHO PROFILE PROBE
US11/229297	US7542411	US	2005-09-16	ECHO PROFILE PROBE
US14/081512	US8824270	US	2013-11-15	ECHO PROFILE PROBE
TW97138114A	TW200943794	TW	2008-10-03	METHOD FOR EFFICIENT PACKET FRAMING IN A COMMUNICATION NETWORK
US15/156389	US10033484	US	2016-05-17	METHOD FOR EFFICIENT PACKET FRAMING IN A COMMUNICATION NETWORK
US16/004477	US10812223	US	2018-06-11	METHOD FOR EFFICIENT PACKET FRAMING IN A COMMUNICATION NETWORK
US12/245535	US20090254794	US	2008-10-03	METHOD FOR EFFICIENT PACKET FRAMING IN A COMMUNICATION NETWORK
IB2009051427W	WO2009122383	WO	2009-04-03	METHOD FOR EFFICIENT PACKET FRAMING IN A COMMUNICATION NETWORK
US2009044404W	WO2009143082	WO	2009-05-18	CHANNEL STACKING SYSTEM AND METHOD OF OPERATION
EP09751310A	EP2289244	EP	2009-05-18	CHANNEL STACKING SYSTEM AND METHOD OF OPERATION
KR20107028130A	KR20110021891	KR	2009-05-18	CHANNEL STACKING SYSTEM AND METHOD OF OPERATION
CN200980118574A	CN102037727	CN	2009-05-18	CHANNEL STACKING SYSTEM AND METHOD OF OPERATION

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HK11111101A	HK1157099	HK	2011-10-18	CHANNEL STACKING SYSTEM AND METHOD OF OPERATION
JP2011510624A	JP5560471	JP	2009-05-18	CHANNEL STACK SYSTEM AND OPERATION METHOD
US12/414892	US8345798	US	2009-03-31	CHANNEL STACKING SYSTEM AND METHOD OF OPERATION
KR20117006794A	KR20110081956	KR	2009-09-11	HIGH-EFFICIENCY PREAMBLES FOR COMMUNICATIONS SYSTEMS OVER PSEUDO-STATIONARY COMMUNICATION CHANNELS
ES09813640T	ES2481043	ES	2009-09-11	HIGH EFFICIENCY PREAMBLES FOR COMMUNICATION SYSTEMS ON PSEUDO-STATIONARY COMMUNICATION CHANNELS
HK12101225A	HK1161005	HK	2012-02-08	HIGH-EFFICIENCY PREAMBLES FOR COMMUNICATIONS SYSTEMS OVER PSEUDO-STATIONARY COMMUNICATION CHANNELS
US12/557288	US8179920	US	2009-09-10	HIGH EFFICIENCY PREAMBLES FOR COMMUNICATIONS SYSTEMS OVER PSEUDO-STATIONARY COMMUNICATION CHANNELS
US13/466582	US8711848	US	2012-05-08	HIGH-EFFICIENCY PREAMBLES FOR COMMUNICATIONS SYSTEMS OVER PSEUDO-STATIONARY COMMUNICATION CHANNELS
BRPI0917112A	BRPI0917112	BR	2009-09-11	HIGH EFFICIENCY PREAMBLES FOR PSEUDO-STATIONARY COMMUNICATION CHANNEL COMMUNICATION SYSTEMS
US2009056587W	WO2010030831	WO	2009-09-11	HIGH-EFFICIENCY PREAMBLES FOR

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				COMMUNICATIONS SYSTEMS OVER PSEUDO-STATIONARY COMMUNICATION CHANNELS
CA2736268A	CA2736268	CA	2009-09-11	HIGH-EFFICIENCY PREAMBLES FOR COMMUNICATIONS SYSTEMS OVER PSEUDO-STATIONARY COMMUNICATION CHANNELS
JP2011526981A	JP5433856	JP	2009-09-11	HIGH-EFFICIENCY PREAMBLE FOR COMMUNICATION SYSTEMS OVER PSEUDO-FIXED COMMUNICATION CHANNELS
EP09813640A	EP2324609	EP	2009-09-11	HIGH-EFFICIENCY PREAMBLES FOR COMMUNICATIONS SYSTEMS OVER PSEUDO-STATIONARY COMMUNICATION CHANNELS
CN200980135360A	CN102150403	CN	2009-09-11	HIGH EFFICIENCY PREAMBLES FOR COMMUNICATIONS SYSTEMS OVER PSEUDO-STATIONARY COMMUNICATION CHANNELS
KR20117007513A	KR20110076909	KR	2009-09-30	DATA TRANSMISSION OVER A NETWORK WITH CHANNEL BONDING
US12/241629	US8266265	US	2008-09-30	DATA TRANSMISSION OVER A NETWORK WITH CHANNEL BONDING
US2009058938W	WO2010039770	WO	2009-09-30	DATA TRANSMISSION OVER A NETWORK WITH CHANNEL BONDING
CA2736262A	CA2736262	CA	2009-09-30	DATA TRANSMISSION OVER A NETWORK WITH CHANNEL BONDING
JP2011530154A	JP2012504914	JP	2009-09-30	DATA TRANSMISSION OVER THE NETWORK USING CHANNEL BONDING
GB201103868A	GB2476001	GB	2009-09-30	DATA TRANSMISSION OVER A NETWORK WITH CHANNEL BONDING

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AU2009298598A	AU2009298598	AU	2009-09-30	DATA TRANSMISSION OVER A NETWORK WITH CHANNEL BONDING
JP2014161621A	JP2014239521	JP	2014-08-07	DATA TRANSMISSION OVER NETWORK WITH CHANNEL BONDING
CN200980137718A	CN102165799	CN	2009-09-30	DATA TRANSMISSION OVER A NETWORK WITH CHANNEL BONDING
US12/579312	US20100094995	US	2009-10-14	SILENT PROBES IN A COMMUNICATION NETWORK
US2009060952W	WO2010045528	WO	2009-10-16	METHOD AND APPARATUS FOR USING RANGING MEASUREMENTS IN A MULTIMEDIA HOME NETWORK
AU2009305655A	AU2009305655	AU	2009-10-16	METHOD AND APPARATUS FOR USING RANGING MEASUREMENTS IN A MULTIMEDIA HOME NETWORK
CA2738947A	CA2738947	CA	2009-10-16	METHOD AND APPARATUS FOR USING RANGING MEASUREMENTS IN A MULTIMEDIA HOME NETWORK
EP09821305A	EP2338242	EP	2009-10-16	METHOD AND APPARATUS FOR USING RANGING MEASUREMENTS IN A MULTIMEDIA HOME NETWORK
CN200980138931A	CN102171954	CN	2009-10-16	METHOD AND APPARATUS FOR USING RANGING MEASUREMENTS IN A MULTIMEDIA HOME NETWORK
HK12101941A	HK1161451	HK	2012-02-27	METHOD AND APPARATUS FOR USING RANGING MEASUREMENTS IN A MULTIMEDIA HOME NETWORK
IL21202111A	IL212021	IL	2011-03-29	METHOD AND APPARATUS FOR USING RANGING MEASUREMENTS IN A

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				MULTIMEDIA HOME NETWORK
US12/580127	US8363681	US	2009-10-15	METHOD AND APPARATUS FOR USING RANGING MEASUREMENTS IN A MULTIMEDIA HOME NETWORK
US2009060995W	WO2010045550	WO	2009-10-16	METHOD AND APPARATUS FOR PERFORMING CONSTELLATION SCRAMBLING IN A MULTIMEDIA HOME NETWORK
AU2009305594A	AU2009305594	AU	2009-10-16	METHOD AND APPARATUS FOR PERFORMING CONSTELLATION SCRAMBLING IN A MULTIMEDIA HOME NETWORK
CA2738949A	CA2738949	CA	2009-10-16	METHOD AND APPARATUS FOR PERFORMING CONSTELLATION SCRAMBLING IN A MULTIMEDIA HOME NETWORK
GB201104519A	GB2476413	GB	2009-10-16	METHOD AND APPARATUS FOR PERFORMING CONSTELLATION SCRAMBLING IN A MULTIMEDIA HOME NETWORK
CN200980139001A	CN102171956	CN	2009-10-16	METHOD AND APPARATUS FOR PERFORMING CONSTELLATION SCRAMBLING IN A MULTIMEDIA HOME NETWORK
JP2011532283A	JP5655224	JP	2009-10-16	METHOD AND APPARATUS FOR PERFORMING CONSTELLATION SCRAMBLING IN A MULTIMEDIA HOME NETWORK
US12/580227	US8320566	US	2009-10-15	METHOD AND APPARATUS FOR

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				PERFORMING CONSTELLATION SCRAMBLING IN A MULTIMEDIA HOME NETWORK
US12/581063	US8418036	US	2009-10-16	METHOD AND APPARATUS FOR PERFORMING FORWARD ERROR CORRECTION IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXED COMMUNICATION NETWORK
US10/734535	US7724639	US	2003-12-11	METHOD OF BIT ALLOCATION IN A MULTICARRIER SYMBOL TO ACHIEVE NON-PERIODIC FREQUENCY DIVERSITY
US12/635649	US8284690	US	2009-12-10	RECEIVER DETERMINED PROBE
US2009067586W	WO2010074993	WO	2009-12-10	RECEIVER DETERMINED PROBE
EP09835530A	EP2377022	EP	2009-12-10	RECEIVER DETERMINED PROBE
KR20117016529A	KR20110104524	KR	2009-12-10	RECEIVER DETERMINED PROBE
CN200980150275A	CN102246149	CN	2009-12-10	DETECTED SIGNALS DETERMINED BY RECEIVER
US12/336975	US8634498	US	2008-12-17	SYSTEMS AND METHODS FOR PROBING WIRED COMMUNICATION CHANNELS
US14/158484	US9210062	US	2014-01-17	SYSTEMS AND METHODS FOR PROBING WIRED COMMUNICATION
US14/960498	US9787566	US	2015-12-07	SYSTEMS AND METHODS FOR PROBING WIRED COMMUNICATION
US2009067452W	WO2010077761	WO	2009-12-10	SYSTEMS AND METHODS FOR PROBING WIRED COMMUNICATION CHANNELS.
EP09836782A	EP2338230	EP	2009-12-10	SYSTEMS AND METHODS FOR PROBING WIRED COMMUNICATION CHANNELS.
KR20117007387A	KR20110100615	KR	2009-12-10	SYSTEMS AND METHODS FOR PROBING WIRED

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				COMMUNICATION CHANNELS
JP2011542267A	JP5594486	JP	2009-12-10	SYSTEM AND METHOD FOR PROBING A WIRED COMMUNICATION CHANNEL
CN200980138976A	CN102171932	CN	2009-12-10	SYSTEMS AND METHODS FOR PROBING WIRED COMMUNICATION CHANNELS
US12/686645	US20100180112	US	2010-01-13	SECURE NODE ADMISSION IN A COMMUNICATION NETWORK
US2011040838W	WO2011163073	WO	2011-06-17	SECURE NODE ADMISSION IN A COMMUNICATION NETWORK
CN201180031243A	CN102948128	CN	2011-06-17	SECURE NODE ADMISSION IN A COMMUNICATION NETWORK
EP11798672A	EP2586180	EP	2011-06-17	SECURE NODE ADMISSION IN A COMMUNICATION NETWORK
JP2013516630A	JP2013539248	JP	2011-06-17	SECURE NODE AUTHORIZATION IN COMMUNICATION NETWORKS
KR20127033232A	KR20130111960	KR	2011-06-17	SECURE NODE ADMISSION IN A COMMUNICATION NETWORK
US15/904911	US10594672	US	2018-02-26	SECURE NODE ADMISSION IN A COMMUNICATION NETWORK
US12/820382	US8699704	US	2010-06-22	SECURE NODE ADMISSION IN A COMMUNICATION NETWORK
US14/188328	US9300468	US	2014-02-24	SECURE NODE ADMISSION IN A COMMUNICATION NETWORK
US15/083816	US9906508	US	2016-03-29	SECURE NODE ADMISSION IN A COMMUNICATION NETWORK
US12/688535	US8340125	US	2010-01-15	METHOD AND APPARATUS FOR BLOCK

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				ACKNOWLEDGEMENT IN A COMMUNICATION NETWORK
US2010021223W	WO2010083429	WO	2010-01-15	METHOD AND APPARATUS FOR BLOCK ACKNOWLEDGEMENT IN A COMMUNICATION NETWORK
EP10732160A	EP2380317	EP	2010-01-15	METHOD AND APPARATUS FOR BLOCK ACKNOWLEDGEMENT IN A COMMUNICATION NETWORK
KR20117015101A	KR20110103986	KR	2010-01-15	METHOD AND APPARATUS FOR BLOCK ACKNOWLEDGEMENT IN A COMMUNICATION NETWORK
CN201080003900A	CN102273143	CN	2010-01-15	METHOD AND APPARATUS FOR BLOCK ACKNOWLEDGEMENT IN A COMMUNICATION NETWORK
EP10701084A	EP2387838	EP	2010-01-15	RETRANSMISSION ADMISSION MECHANISM IN A MANAGED SHARED NETWORK WITH QUALITY OF SERVICE
ES10701084T	ES2399598	ES	2010-01-15	RELAY ADMISSION MECHANISM IN A SHARED NETWORK MANAGED WITH QUALITY OF SERVICE
PL10701084T	PL2387838	PL	2010-01-15	RETRANSMISSION ADMISSION MECHANISM IN A MANAGED SHARED NETWORK WITH QUALITY OF SERVICE
US12/688559	US8468200	US	2010-01-15	RETRANSMISSION ADMISSION MECHANISM IN A MANAGED SHARED NETWORK WITH QUALITY OF SERVICE
US2010021253W	WO2010083447	WO	2010-01-15	RETRANSMISSION ADMISSION MECHANISM IN A MANAGED SHARED NETWORK WITH QUALITY OF SERVICE
KR20117018969A	KR20110107851	KR	2010-01-15	RETRANSMISSION ADMISSION MECHANISM IN A MANAGED SHARED

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				NETWORK WITH QUALITY OF SERVICE
JP2011546403A	JP5579199	JP	2010-01-15	RETRANSMISSION ADMISSION MECHANISM IN A MANAGED SHARED NETWORK WITH QUALITY OF SERVICE
CN201080004714A	CN102282813	CN	2010-01-15	MECHANISM IS PERMITTED IN THE REPEATING TRANSMISSION HAD IN THE MANAGED SHARED NETWORK OF SERVICE QUALITY
HK12105793A	HK1165149	HK	2012-06-14	METHOD AND APPARATUS FOR LAYER DISCOVERY IN A MANAGED SHARED NETWORK
US15/808431	US10594566	US	2017-11-09	METHOD AND APPARATUS FOR LAYER 2 DISCOVERY IN A MANAGED SHARED NETWORK
US12/688518	US9106554	US	2010-01-15	METHOD AND APPARATUS FOR LAYER 2 DISCOVERY IN A MANAGED SHARED NETWORK
US14/801149	US9853865	US	2015-07-16	METHOD AND APPARATUS FOR LAYER 2 DISCOVERY IN A MANAGED SHARED NETWORK
US2010021266W	WO2010083458	WO	2010-01-15	METHOD AND APPARATUS FOR LAYER 2 DISCOVERY IN A MANAGED SHARED NETWORK
EP10700925A	EP2387835	EP	2010-01-15	METHOD AND APPARATUS FOR LAYER 2 DISCOVERY IN A MANAGED SHARED NETWORK
CN201080004838A	CN102282803	CN	2010-01-15	METHOD AND APPARATUS FOR LAYER 2 DISCOVERY IN A MANAGED SHARED NETWORK
CL2014000978A	CL2014000978	CL	2014-04-16	METODO PARA DETERMINAR LA ADMISION DE UN FLUJO

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				EN UNA RED DE COMUNICACIONES, QUE COMPRENDE ESTABLECER UN ANCHO DE BANDA PREDETERMINADO A RESERVAR PARA FLUJOS DE PQOS, ESTABLECER UN PROCESO DE ADMISION DE FLUJO PARA DETERMINAR SI ADMITE UN NUEVO FLUJO, PREDETERMINAR CUANTO ANCHO DE BANDA PREDETERMINADO YA SE HA ASIGNADO A FLUJOS ACTUALMENTE ADMITIDOS Y DETERMINAR SI LA CANTIDAD DE ANCHO DE BANDA REQUERIDA POR EL FLUJO NO ES MAYOR QUE LA CANTIDAD DE ANCHO DE BANDA RESERVADA MENOS LA CANTIDAD YA ASIGNADA
CL2011002033A	CL2011002033	CL	2011-08-19	UN METODO Y SISTEMA PARA LA PROGRAMACION DE COMUNICACIONES DE RED EN UNA RED ADMINISTRADA QUE TIENE UN COORDINADOR DE RED Y UNA VARIEDAD DE NODOS DE RED ASOCIADOS.
IL21441411A	IL214414	IL	2011-08-02	FLEXIBLE RESERVATION REQUEST AND SCHEDULING MECHANISMS IN A MANAGED SHARED NETWORK WITH QUALITY OF SERVICE
US12/709435	US8416685	US	2010-02-19	FLEXIBLE RESERVATION REQUEST AND SCHEDULING MECHANISMS IN A MANAGED SHARED NETWORK WITH QUALITY OF SERVICE
BRPI1008877A	BRPI1008877	BR	2010-02-19	FLEXIBLE RESERVATION REQUEST AND

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				ESCALATION MECHANISMS IN A QUALITY-OF-SERVICE MANAGED SHARED NETWORK
US2010024837W	WO2010096726	WO	2010-02-19	FLEXIBLE RESERVATION REQUEST AND SCHEDULING MECHANISMS IN A MANAGED SHARED NETWORK WITH QUALITY OF SERVICE
CA2752917A	CA2752917	CA	2010-02-19	FLEXIBLE RESERVATION REQUEST AND SCHEDULING MECHANISMS IN A MANAGED SHARED NETWORK WITH QUALITY OF SERVICE
AU2010215830A	AU2010215830	AU	2010-02-19	FLEXIBLE RESERVATION REQUEST AND SCHEDULING MECHANISMS IN A MANAGED SHARED NETWORK WITH QUALITY OF SERVICE
KR20117021960A	KR20110132386	KR	2010-02-19	FLEXIBLE RESERVATION REQUEST AND SCHEDULING MECHANISMS IN A MANAGED SHARED NETWORK WITH QUALITY OF SERVICE
JP2011551263A	JP5628211	JP	2010-02-19	FLEXIBLE RESERVATION REQUEST AND SCHEDULING MECHANISM WITHIN A MANAGED SHARED NETWORK WITH QUALITY OF SERVICE
US12/862636	US8566678	US	2010-08-24	BROADBAND SATELLITE SYSTEM FOR THE SIMULTANEOUS RECEPTION OF MULTIPLE CHANNELS USING SHARED ITERATIVE DECODER
US11/555685	US7783958	US	2006-11-01	BROADBAND SATELLITE SYSTEM FOR THE SIMULTANEOUS RECEPTION OF MULTIPLE CHANNELS USING

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				SHARED ITERATIVE DECODER
HK12107120A	HK1166530	HK	2012-07-20	A METHOD FOR QUICK MAP RECOVERY IN CASE OF ERROR IN MOCA MOCA MAP
US12/415875	US9008077	US	2009-03-31	METHOD FOR QUICK MAP RECOVERY IN CASE OF ERROR IN MOCA
US2010027431W	WO2010107758	WO	2010-03-16	A METHOD FOR QUICK MAP RECOVERY IN CASE OF ERROR IN MOCA
CN201080011003A	CN102341784	CN	2010-03-16	METHOD FOR QUICK MAP RECOVERY IN CASE OF ERROR IN MOCA
JP2012500879A	JP5736612	JP	2010-03-16	QUICK MAP RECOVERY METHOD IN CASE OF ERROR IN MOCA
US2010031627W	WO2010121261	WO	2010-04-19	WIDEBAND TUNER ARCHITECTURE
US14/614543	US9210362	US	2015-02-05	WIDEBAND TUNER ARCHITECTURE
US15/792318	US10313733	US	2017-10-24	WIDEBAND TUNER ARCHITECTURE
US16/430506	US20200162781	US	2019-06-04	WIDEBAND TUNER ARCHITECTURE
US12/762900	US8526898	US	2010-04-19	WIDEBAND TUNER ARCHITECTURE
US13/962871	US9100622	US	2013-08-08	WIDEBAND TUNER ARCHITECTURE
US14/617973	US9210363	US	2015-02-10	WIDEBAND TUNER ARCHITECTURE
US14/948881	US9819992	US	2015-11-23	WIDEBAND TUNER ARCHITECTURE
US14/948907	US9942598	US	2015-11-23	WIDEBAND TUNER ARCHITECTURE
US2010031631W	WO2010121262	WO	2010-04-19	WIDEBAND PERSONAL-RADIO RECORDER
US12/762950	US8892225	US	2010-04-19	WIDEBAND PERSONAL-RADIO RECORDER
US15/400666	US10244283	US	2017-01-06	METHOD AND APPARATUS FOR AN ENERGY-EFFICIENT RECEIVER
US13/356265	US8725104	US	2012-01-23	METHOD AND APPARATUS FOR AN ENERGY-EFFICIENT RECEIVER
US14/274890	US9042851	US	2014-05-12	METHOD AND APPARATUS FOR AN ENERGY-EFFICIENT RECEIVER

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US14/719393	US9571885	US	2015-05-22	METHOD AND APPARATUS FOR AN ENERGY-EFFICIENT RECEIVER
US14/316194	US10193645	US	2014-06-26	METHOD AND SYSTEM FOR INTEGRATED STACKING FOR HANDLING CHANNEL STACKING OR BAND STACKING
US16/259021	US20190158200	US	2019-01-28	METHOD AND SYSTEM FOR INTEGRATED STACKING FOR HANDLING CHANNEL STACKING OR BAND STACKING
US13/762939	US8799964	US	2013-02-08	METHOD AND SYSTEM FOR INTEGRATED STACKING FOR HANDLING CHANNEL STACKING OR BAND STACKING
US2013028860W	WO2013131082	WO	2013-03-04	CONFIGURABLE, HIGHLY-INTEGRATED SATELLITE RECEIVER
US15/907404	US10211936	US	2018-02-28	CONFIGURABLE, HIGHLY-INTEGRATED SATELLITE RECEIVER
US13/783130	US9203535	US	2013-03-01	CONFIGURABLE, HIGHLY-INTEGRATED SATELLITE RECEIVER
US14/948436	US9509422	US	2015-11-23	CONFIGURABLE, HIGHLY-INTEGRATED SATELLITE RECEIVER
US15/297595	US9941986	US	2016-10-19	CONFIGURABLE, HIGHLY-INTEGRATED SATELLITE RECEIVER
US13/906933	US20130332967	US	2013-05-31	COMBINED TERRESTRIAL AND SATELLITE CONTENT FOR A SEAMLESS USER EXPERIENCE
US15/692459	US10256898	US	2017-08-31	METHOD AND SYSTEM FOR GUARD BAND DETECTION AND FREQUENCY OFFSET DETECTION
US13/917794	US9100088	US	2013-06-14	METHOD AND SYSTEM FOR GUARD BAND DETECTION AND FREQUENCY OFFSET DETECTION

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US14/711057	US9755728	US	2015-05-13	METHOD AND SYSTEM FOR GUARD BAND DETECTION AND FREQUENCY OFFSET DETECTION
US15/840195	US10284899	US	2017-12-13	METHOD AND SYSTEM FOR DIVERSITY COMBINING FOR HIGH-PERFORMANCE SIGNAL RECEPTION
US14/156779	US9571779	US	2014-01-16	METHOD AND SYSTEM FOR DIVERSITY COMBINING FOR HIGH-PERFORMANCE SIGNAL RECEPTION
US15/390900	US9877062	US	2016-12-27	METHOD AND SYSTEM FOR DIVERSITY COMBINING FOR HIGH-PERFORMANCE SIGNAL RECEPTION
US14/154234	US9247274	US	2014-01-14	FLEXIBLE CHANNEL STACKING
US15/006337	US9668018	US	2016-01-26	FLEXIBLE CHANNEL STACKING
US15/582793	US20170238049	US	2017-05-01	FLEXIBLE CHANNEL STACKING
US12/819106	US8767607	US	2010-06-18	METHOD AND APPARATUS FOR PERFORMING MULTICAST IN COMMUNICATIONS NETWORK
US12/833827	US8553727	US	2010-07-09	METHOD AND APPARATUS FOR LDPC TRANSMISSION OVER A CHANNEL BONDED LINK
US15/632826	US10491331	US	2017-06-26	METHOD AND APPARATUS FOR LDPC TRANSMISSION OVER A CHANNEL BONDED LINK
US16/693852	US20200235849	US	2019-11-25	METHOD AND APPARATUS FOR LDPC TRANSMISSION OVER A CHANNEL BONDED LINK
US13/402014	US8638808	US	2012-02-22	METHOD AND APPARATUS FOR LDPC TRANSMISSION OVER A CHANNEL BONDED LINK
US14/165005	US8913635	US	2014-01-27	METHOD AND APPARATUS FOR LDPC TRANSMISSION OVER A CHANNEL BONDED LINK

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US14/510971	US9184872	US	2014-10-09	METHOD AND APPARATUS FOR LDPC TRANSMISSION OVER A CHANNEL BONDED LINK
US14/877598	US9749088	US	2015-10-07	METHOD AND APPARATUS FOR LDPC TRANSMISSION OVER A CHANNEL BONDED LINK
US11/763359	US7941091	US	2007-06-14	SIGNAL DISTRIBUTION SYSTEM EMPLOYING A MULTI-STAGE SIGNAL COMBINER NETWORK
IL22005112A	IL220051	IL	2012-05-29	METHOD AND APPARATUS FOR COMMUNICATING UNICAST PQOS DFID INFORMATION
US12/955642	US8861357	US	2010-11-29	METHOD AND APPARATUS FOR COMMUNICATING UNICAST PQOS DFID INFORMATION
US2010058209W	WO2011066507	WO	2010-11-29	METHOD AND APPARATUS FOR COMMUNICATING UNICAST PQOS DFID INFORMATION
CA2782086A	CA2782086	CA	2010-11-29	METHOD AND APPARATUS FOR COMMUNICATING UNICAST PQOS DFID INFORMATION
AU2010324597A	AU2010324597	AU	2010-11-29	METHOD AND APPARATUS FOR COMMUNICATING UNICAST PQOS DFID INFORMATION
CN201080054300A	CN102687467	CN	2010-11-29	FOR TRANSMITTING THE METHOD AND APPARATUS OF CLEAN CULTURE PQOS DFID INFORMATION
EP10834013A	EP2507945	EP	2010-11-29	METHOD AND APPARATUS FOR COMMUNICATING UNICAST PQOS DFID INFORMATION
US2010062165W	WO2011079326	WO	2010-12-27	METHODS AND APPARATUS FOR SYNCHRONIZATION IN MULTIPLE-CHANNEL

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				COMMUNICATION SYSTEMS
EP10801782A	EP2517426	EP	2010-12-27	METHODS AND APPARATUS FOR SYNCHRONIZATION IN MULTIPLE-CHANNEL COMMUNICATION SYSTEMS
TW99145966A	TW201145918	TW	2010-12-24	METHODS AND APPARATUS FOR SYNCHRONIZATION IN MULTIPLE-CHANNEL COMMUNICATION SYSTEMS
US15/789372	US10148480	US	2017-10-20	METHODS AND APPARATUS FOR SYNCHRONIZATION IN MULTIPLE-CHANNEL COMMUNICATION SYSTEMS
US12/979270	US8681900	US	2010-12-27	METHODS AND APPARATUS FOR SYNCHRONIZATION IN MULTIPLE-CHANNEL COMMUNICATION SYSTEMS
US13/865489	US8964903	US	2013-04-18	METHODS AND APPARATUS FOR SYNCHRONIZATION IN MULTIPLE-CHANNEL COMMUNICATION SYSTEMS
US14/628627	US9391822	US	2015-02-23	METHODS AND APPARATUS FOR SYNCHRONIZATION IN MULTIPLE-CHANNEL COMMUNICATION SYSTEMS
US15/207085	US9800451	US	2016-07-11	METHODS AND APPARATUS FOR SYNCHRONIZATION IN MULTIPLE-CHANNEL COMMUNICATION SYSTEMS
MX2012008674A	MX2012008674	MX	2011-01-26	METHOD AND APPARATUS FOR USE OF SILENT SYMBOLS IN A COMMUNICATIONS NETWORK.
US13/013795	US8593983	US	2011-01-25	METHOD AND APPARATUS FOR USE OF SILENT SYMBOLS IN A

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				COMMUNICATIONS NETWORK
US2011022512W	WO2011094263	WO	2011-01-26	METHOD AND APPARATUS FOR USE OF SILENT SYMBOLS IN A COMMUNICATIONS NETWORK
CA2785805A	CA2785805	CA	2011-01-26	METHOD AND APPARATUS FOR USE OF SILENT SYMBOLS IN A COMMUNICATIONS NETWORK
KR20127021796A	KR20120127608	KR	2011-01-26	METHOD AND APPARATUS FOR USE OF SILENT SYMBOLS IN A COMMUNICATIONS NETWORK
JP2012550217A	JP2013518478	JP	2011-01-26	METHOD AND APPARATUS FOR USING SILENT SYMBOLS IN A COMMUNICATION NETWORK
BR112012017689A	BR112012017689	BR	2011-01-26	METHOD AND APPARATUS FOR THE USE OF SILENT SYMBOLS IN A COMMUNICATIONS NETWORK
US13/041662	US20110216776	US	2011-03-07	METHOD AND APPARATUS FOR ASYNCHRONOUS ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS
US13/075719	US9270401	US	2011-03-30	METHOD AND APPARATUS FOR ASYNCHRONOUS ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS
US13/335735	US8891544	US	2011-12-22	MULTIMEDIA OVER COAXIAL CABLE ACCESS PROTOCOL
US11/292939	US8085802	US	2005-12-02	MULTIMEDIA OVER COAXIAL CABLE ACCESS PROTOCOL
US15/426253	US10257566	US	2017-02-07	BROADBAND LOCAL AREA NETWORK
US11/231349	US8631450	US	2005-09-19	BROADBAND LOCAL AREA NETWORK
US11/241748	US8621539	US	2005-09-29	PHYSICAL LAYER TRANSMITTER FOR USE

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				IN A BROADBAND LOCAL AREA NETWORK
US11/292947	US8498294	US	2005-12-02	MULTIMEDIA OVER COAXIAL CABLE ACCESS PROTOCOL
US14/154101	US9172993	US	2014-01-13	BROADBAND LOCAL AREA NETWORK
US14/861198	US9565469	US	2015-09-22	BROADBAND LOCAL AREA NETWORK
US15/045674	US10091133	US	2016-02-17	NETWORK CONTROL TO IMPROVE BANDWIDTH UTILIZATION AND PARAMETERIZED QUALITY OF SERVICE
US16/109396	US10270710	US	2018-08-22	NETWORK CONTROL TO IMPROVE BANDWIDTH UTILIZATION AND PARAMETERIZED QUALITY OF SERVICE
US16/391402	US10715461	US	2019-04-23	NETWORK CONTROL TO IMPROVE BANDWIDTH UTILIZATION AND PARAMETERIZED QUALITY OF SERVICE
US12/822676	US9294297	US	2010-06-24	NODE-BASED QUALITY-OF-SERVICE MANAGEMENT
US2011040844W	WO2011163074	WO	2011-06-17	NODE-BASED QUALITY-OF-SERVICE MANAGEMENT
CN201180031267A	CN102959532	CN	2011-06-17	SERVICE QUALITY MANAGEMENT BASED ON NODE
EP11798673A	EP2585940	EP	2011-06-17	NODE-BASED QUALITY-OF-SERVICE MANAGEMENT
BR112012033068A	BR112012033068	BR	2011-06-17	NODE-BASED QUALITY OF SERVICE MANAGEMENT
KR20100001628U	KR20110008221	KR	2010-02-16	A PROMOTIONAL INSTANT LOTTERY TO CHOOSE THE WINNING TARGET
US2012022109W	WO2012100220	WO	2012-01-20	SYSTEMS AND METHODS FOR SELECTING DIGITAL CONTENT CHANNELS USING LOW NOISE BLOCK CONVERTERS INCLUDING DIGITAL CHANNELIZER SWITCHES
CA2825707A	CA2825707	CA	2012-01-20	SYSTEMS AND METHODS FOR SELECTING DIGITAL CONTENT CHANNELS USING LOW NOISE BLOCK

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				CONVERTERS INCLUDING DIGITAL CHANNELIZER SWITCHES
EP12736161A	EP2666271	EP	2012-01-20	SYSTEMS AND METHODS FOR SELECTING DIGITAL CONTENT CHANNELS USING LOW NOISE BLOCK CONVERTERS INCLUDING DIGITAL CHANNELIZER SWITCHES
CN201280011617A	CN103649880	CN	2012-01-20	SYSTEMS AND METHODS FOR SELECTING DIGITAL CONTENT CHANNELS USING LOW NOISE BLOCK CONVERTERS INCLUDING DIGITAL CHANNELIZER SWITCHES
MX2013008537A	MX2013008537	MX	2012-01-20	SYSTEMS AND METHODS FOR SELECTING DIGITAL CONTENT CHANNELS USING LOW NOISE BLOCK CONVERTERS INCLUDING DIGITAL CHANNELIZER SWITCHES.
BR112013018687A	BR112013018687	BR	2012-01-20	SYSTEMS AND METHODS FOR SELECTING DIGITAL CONTENT CHANNELS USING LOW NOISE BLOCKING CONVERTERS INCLUDING DIGITAL CHANNEL SWITCHES
US15/155860	US20170026059	US	2016-05-16	SYSTEMS AND METHODS FOR SELECTING DIGITAL CONTENT CHANNELS USING LOW NOISE BLOCK CONVERTERS INCLUDING DIGITAL CHANNELIZER SWITCHES
US14/962637	US9565012	US	2015-12-08	SYSTEMS AND METHODS FOR SELECTING DIGITAL CONTENT CHANNELS USING LOW NOISE BLOCK CONVERTERS INCLUDING DIGITAL CHANNELIZER SWITCHES
JP2013550643A	JP2014507885	JP	2012-01-20	SYSTEM AND METHOD FOR SELECTING A DIGITAL CONTENT CHANNEL USING A LOW NOISE BLOCK CONVERTER INCLUDING

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				A DIGITAL CHANNELIZER SWITCH
US14/334443	US9209957	US	2014-07-17	SYSTEMS AND METHODS FOR SELECTING DIGITAL CONTENT CHANNELS USING LOW NOISE BLOCK CONVERTERS INCLUDING DIGITAL CHANNELIZER SWITCHES
US13/355413	US9344262	US	2012-01-20	SYSTEMS AND METHODS FOR SELECTING DIGITAL CONTENT CHANNELS USING LOW NOISE BLOCK CONVERTERS INCLUDING DIGITAL CHANNELIZER SWITCHES
US2012025268W	WO2012112693	WO	2012-02-15	OPTICAL CONVERTER WITH ADC BASED CHANNELIZER FOR OPTICAL LNB SYSTEM
EP12746894A	EP2676392	EP	2012-02-15	OPTICAL CONVERTER WITH ADC BASED CHANNELIZER FOR OPTICAL LNB SYSTEM
CN201280015423A	CN103609049	CN	2012-02-15	THE OPTICAL CONVERTER WITH CHANNELIZATION DEVICE BASED ON ADC AND METHOD FOR OPTICS LNB SYSTEM
BR112013020927A	BR112013020927	BR	2012-02-15	ADC-BASED PLUMBING OPTICAL CONVERTER FOR OPTICAL LNB SYSTEM
US13/397443	US9407369	US	2012-02-15	OPTICAL CONVERTER WITH ADC BASED CHANNELIZER FOR OPTICAL LNB SYSTEM
CL2013003205A	CL2013003205	CL	2013-11-08	PUENTE Y METODO DE RED CONFIGURADO PARA EFECTUAR COMUNICACIONES POR UNA RED MOCA Y UNA RED WIFI UTILIZANDO RECURSOS DE PUENTE COMPARTIDOS; METODO PARA COMPARTIR RECURSOS PARA DICHO PUENTE DE RED.
CN201280034198A	CN103650484	CN	2012-05-09	MOCA-WIFI MULTIPLEXING

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US13/213370	US8831015	US	2011-08-19	MOCA-WIFI MULTIPLEXING
US2012037023W	WO2012154783	WO	2012-05-09	MOCA-WIFI MULTIPLEXING
EP12782382A	EP2708024	EP	2012-05-09	MOCA-WIFI MULTIPLEXING
BR112013028916A	BR112013028916	BR	2012-05-09	WIFI MOCHA MULTIPLEXING
US13/584541	US9923652	US	2012-08-13	FREQUENCY BAND SELECTION FOR MULTIPLE HOME NETWORKS
US2012050636W	WO2013025633	WO	2012-08-13	METHOD FOR SELECTING FREQUENCY BANDS IN A NETWORK DEVICE FOR MULTIPLE HOME NETWORKS
CA2844745A	CA2844745	CA	2012-08-13	METHOD FOR SELECTING FREQUENCY BANDS IN A NETWORK DEVICE FOR MULTIPLE HOME NETWORKS
KR20147004352A	KR20140048293	KR	2012-08-13	METHOD FOR SELECTING FREQUENCY BANDS IN A NETWORK DEVICE FOR MULTIPLE HOME NETWORKS
EP12751665A	EP2742623	EP	2012-08-13	METHOD FOR SELECTING FREQUENCY BANDS IN A NETWORK DEVICE FOR MULTIPLE HOME NETWORKS
CN201280050107A	CN103875199	CN	2012-08-13	METHOD FOR SELECTING FREQUENCY BANDS IN A NETWORK DEVICE FOR MULTIPLE HOME NETWORKS
BR112014003231A	BR112014003231	BR	2012-08-13	METHOD FOR SELECTING FREQUENCY BANDS ON NETWORK DEVICE FOR MULTIPLE NATIVE NETWORKS
US15/926153	US20180262286	US	2018-03-20	FREQUENCY BAND SELECTION FOR MULTIPLE HOME NETWORKS
US15/943141	US10104572	US	2018-04-02	METHOD AND SYSTEM FOR OPTIMIZING BANDWIDTH UTILIZATION IN AN IN-HOME NETWORK
US16/157818	US10292068	US	2018-10-11	METHOD AND SYSTEM FOR OPTIMIZING

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				BANDWIDTH UTILIZATION IN AN IN-HOME NETWORK
US13/301488	US8767554	US	2011-11-21	METHOD AND SYSTEM FOR OPTIMIZING BANDWIDTH UTILIZATION IN AN IN-HOME NETWORK
US14/305417	US9794823	US	2014-06-16	OPTIMIZING BANDWIDTH UTILIZATION IN AN IN-HOME NETWORK
US15/783116	US9936417	US	2017-10-13	METHOD AND SYSTEM FOR OPTIMIZING BANDWIDTH UTILIZATION IN AN IN-HOME NETWORK
CN201280061387A	CN104054330	CN	2012-12-11	10 GBPS COAXIAL CABLE NETWORKING SYSTEM
JP2014547344A	JP2015509299	JP	2012-12-11	10GBPS COAXIAL CABLE NETWORKING SYSTEM
US13/325418	US8792565	US	2011-12-14	10 GBPS COAXIAL CABLE NETWORKING SYSTEM
US2012068931W	WO2013090255	WO	2012-12-11	10 GBPS COAXIAL CABLE NETWORKING SYSTEM
EP12857728A	EP2792140	EP	2012-12-11	10 GBPS COAXIAL CABLE NETWORKING SYSTEM
BR112014014374A	BR112014014374	BR	2012-12-11	10 GBPS COAXIAL NETWORK CONNECTION SYSTEM
US15/878099	US10324871	US	2018-01-23	METHOD AND SYSTEM FOR BUFFER STATE BASED LOW POWER OPERATION IN A MOCA NETWORK
US13/328634	US8788728	US	2011-12-16	METHOD AND SYSTEM FOR BUFFER STATE BASED LOW POWER OPERATION IN A MOCA NETWORK
US14/335989	US9875196	US	2014-07-21	METHOD AND SYSTEM FOR BUFFER STATE BASED LOW POWER OPERATION IN A MOCA NETWORK
US16/444524	US20200073831	US	2019-06-18	METHOD AND SYSTEM FOR BUFFER STATE BASED LOW POWER OPERATION IN A MOCA NETWORK
US13/349856	US8892926	US	2012-01-13	SYSTEM AND METHOD FOR PROVIDING POWER-SAVE OPERATION IN AN IN-HOME COMMUNICATION NETWORK

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US14/541349	US9223382	US	2014-11-14	SYSTEM AND METHOD FOR PROVIDING POWER-SAVE OPERATION IN AN IN-HOME COMMUNICATION NETWORK
US14/981102	US9436271	US	2015-12-28	SYSTEM AND METHOD FOR PROVIDING POWER-SAVE OPERATION IN AN IN-HOME COMMUNICATION NETWORK
US12/689858	US8483152	US	2010-01-19	METHOD AND APPARATUS FOR USE OF OFDMA IN A COMMUNICATION NETWORK
US13/723897	US20130210345	US	2012-12-21	METHOD AND SYSTEM FOR BROADBAND NEAR FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE
US2013026367W	WO2013123341	WO	2013-02-15	METHOD AND SYSTEM FOR BROADBAND NEAR FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE
US15/633146	US20170359678	US	2017-06-26	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING CONFIGURATION AND REGULATORY REQUIREMENTS
US16/391396	US20200120468	US	2019-04-23	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING SCREEN AND APPLICATION SHARING
US13/726994	US10051406	US	2012-12-26	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION (BNC) UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING CONCURRENT CHARGING AND COMMUNICATION

Application No.	Publication / Patent No.	Country	Filing Date	Title of Patent
US16/010069	US10251043	US	2018-06-15	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION (BNC) UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING CONCURRENT CHARGING AND COMMUNICATION
US15/189758	US10264432	US	2016-06-22	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION (BNC) UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING BRIDGING ACROSS WALL
US15/890495	US10271192	US	2018-02-07	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING SCREEN AND APPLICATION SHARING
US13/768982	US10356584	US	2013-02-15	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING PAIRING, CONTENT SHARING AND SECURITY
US13/769004	US10356585	US	2013-02-15	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING RANGING
US13/769031	US9326090	US	2013-02-15	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING SCREEN AND APPLICATION SHARING
US13/726965	US9414184	US	2012-12-26	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION (BNC) UTILIZING FULL SPECTRUM CAPTURE

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				(FSC) SUPPORTING BRIDGING ACROSS WALL
US15/138390	US9560477	US	2016-04-26	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING SCREEN AND APPLICATION SHARING
US13/768940	US9693175	US	2013-02-15	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING CONFIGURATION AND REGULATORY REQUIREMENTS
US15/391105	US9913082	US	2016-12-27	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION UTILIZING FULL SPECTRUM CAPTURE (FSC) SUPPORTING SCREEN AND APPLICATION SHARING
US16/926067	US20210029227	US	2020-07-10	SOFTWARE UPGRADE IN A HOME NETWORK USING LOWER LAYER MESSAGING
KR20147029116A	KR20150003203	KR	2013-02-21	SOFTWARE UPGRADE USING LAYER-2 MANAGEMENT ENTITY MESSAGING
US2013027082W	WO2013158212	WO	2013-02-21	SOFTWARE UPGRADE USING LAYER-2 MANAGEMENT ENTITY MESSAGING
EP13777931A	EP2839613	EP	2013-02-21	SOFTWARE UPGRADE USING LAYER-2 MANAGEMENT ENTITY MESSAGING
US16/371842	US20190230200	US	2019-04-01	SOFTWARE UPGRADE IN A HOME NETWORK USING LOWER LAYER MESSAGING
CN201380027450A	CN104769889	CN	2013-02-21	SOFTWARE UPGRADE USING LAYER-2 MANAGEMENT ENTITY MESSAGING

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US15/632677	US10250724	US	2017-06-26	SOFTWARE UPGRADE IN A HOME NETWORK USING LOWER LAYER MESSAGING
US13/448639	US9191461	US	2012-04-17	SOFTWARE UPGRADE USING LAYER-2 MANAGEMENT ENTITY MESSAGING
US14/933821	US9692859	US	2015-11-05	SOFTWARE UPGRADE USING LAYER-2 MANAGEMENT ENTITY MESSAGING
US13/403144	US8677441	US	2012-02-23	SCANNING ALGORITHM FOR EMBEDDED NETWORK DEVICES
US15/881000	US10182274	US	2018-01-26	METHOD AND APPARATUS FOR UNIFYING AN EPON ACCESS NETWORK AND A COAX BASED ACCESS NETWORK
US16/237410	US10575073	US	2018-12-31	METHOD AND APPARATUS FOR UNIFYING AN EPON ACCESS NETWORK AND A COAX-BASED ACCESS NETWORK
US14/383623	US9883260	US	2013-03-08	METHOD AND APPARATUS FOR UNIFYING AN EPON ACCESS NETWORK AND A COAX-BASED ACCESS NETWORK
US2013029923W	WO2013134663	WO	2013-03-08	METHOD AND APPARATUS FOR UNIFYING AN EPON ACCESS NETWORK AND A COAX-BASED ACCESS NETWORK
EP13757672A	EP2823591	EP	2013-03-08	METHOD AND APPARATUS FOR UNIFYING AN EPON ACCESS NETWORK AND A COAX-BASED ACCESS NETWORK
MX2014010679A	MX2014010679	MX	2013-03-08	METHOD AND APPARATUS FOR UNIFYING AN EPON ACCESS NETWORK AND A COAX-BASED ACCESS NETWORK.

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US15/717550	US10129048	US	2017-09-27	PROGRESSIVE MODULATION FOR DOWNSTREAM ACCESS
US16/188962	US10771278	US	2018-11-13	PROGRESSIVE MODULATION FOR DOWNSTREAM ACCESS
US14/394800	US9780962	US	2013-04-16	PROGRESSIVE MODULATION FOR DOWNSTREAM ACCESS
US2013036724W	WO2013158604	WO	2013-04-16	PROGRESSIVE MODULATION FOR DOWNSTREAM ACCESS
MX2014012438A	MX2014012438	MX	2013-04-16	PROGRESSIVE MODULATION FOR DOWNSTREAM ACCESS.
EP13778670A	EP2839595	EP	2013-04-16	PROGRESSIVE MODULATION FOR DOWNSTREAM ACCESS
US10/961863	US8587722	US	2004-10-08	SYSTEM AND METHOD FOR AUTOMATICALLY CONTROLLING THE PHASE OF A CLOCK SIGNAL FOR SAMPLING AN HDTV SIGNAL
JP2015512813A	JP2015525494	JP	2013-05-15	MULTIPLE STREAM SIGNAL PROCESSING
US13/471613	US8913626	US	2012-05-15	SIGNAL PROCESSING OF MULTIPLE STREAMS
US2013041251W	WO2013173523	WO	2013-05-15	SIGNAL PROCESSING OF MULTIPLE STREAMS
EP13791255A	EP2850737	EP	2013-05-15	SIGNAL PROCESSING OF MULTIPLE STREAMS
MX2014013929A	MX2014013929	MX	2013-05-15	SIGNAL PROCESSING OF MULTIPLE STREAMS.
BR112014028626A	BR112014028626	BR	2013-05-15	MULTI-STREAM SIGNAL PROCESSING
US15/888705	US20180234740	US	2018-02-05	METHOD AND SYSTEM FOR RECEIVER CONFIGURATION BASED ON A PRIORI KNOWLEDGE OF NOISE
US13/916130	US8990864	US	2013-06-12	METHOD AND SYSTEM FOR RECEIVER CONFIGURATION BASED ON A PRIORI KNOWLEDGE OF NOISE
US14/616397	US9888294	US	2015-02-06	METHOD AND SYSTEM FOR RECEIVER CONFIGURATION BASED ON A PRIORI KNOWLEDGE OF NOISE

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US15/903189	US10263801	US	2018-02-23	METHOD AND SYSTEM FOR A HIGH CAPACITY CABLE NETWORK
US13/948401	US9178765	US	2013-07-23	METHOD AND SYSTEM FOR A HIGH CAPACITY CABLE NETWORK
US14/929463	US9621367	US	2015-11-02	METHOD AND SYSTEM FOR A HIGH CAPACITY CABLE NETWORK
US15/444648	US9929871	US	2017-02-28	METHOD AND SYSTEM FOR A HIGH CAPACITY CABLE NETWORK
US15/866106	US10135682	US	2018-01-09	METHOD AND SYSTEM FOR SERVICE GROUP MANAGEMENT IN A CABLE NETWORK
US13/948444	US9419858	US	2013-07-23	METHOD AND SYSTEM FOR SERVICE GROUP MANAGEMENT IN A CABLE NETWORK
US15/228703	US9577886	US	2016-08-04	METHOD AND SYSTEM FOR SERVICE GROUP MANAGEMENT IN A CABLE NETWORK
US15/434673	US9866438	US	2017-02-16	METHOD AND SYSTEM FOR SERVICE GROUP MANAGEMENT IN A CABLE NETWORK
US16/195053	US20190089593	US	2018-11-19	METHOD AND SYSTEM FOR SERVICE GROUP MANAGEMENT IN A CABLE NETWORK
US15/885871	US10271118	US	2018-02-01	ADVANCED FIBER NODE
US14/147628	US9225426	US	2014-01-06	ADVANCED FIBER NODE
US14/979825	US9894426	US	2015-12-28	ADVANCED FIBER NODE
US2014011483W	WO2014113387	WO	2014-01-14	ADVANCED FIBER NODE
US15/652982	US10469166	US	2017-07-18	FEEDBACK-BASED CONFIGURATION OF A HYBRID FIBER-COAXIAL NETWORK
US14/157146	US9461742	US	2014-01-16	FEEDBACK-BASED CONFIGURATION OF A HYBRID FIBER-COAXIAL NETWORK
US15/279653	US9712236	US	2016-09-29	FEEDBACK-BASED CONFIGURATION OF A HYBRID FIBER-COAXIAL NETWORK
US16/674594	US20200067596	US	2019-11-05	FEEDBACK-BASED CONFIGURATION OF A HYBRID FIBER-COAXIAL NETWORK

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US15/997183	US10574261	US	2018-06-04	SYSTEM AND METHOD FOR LOW-POWER DIGITAL SIGNAL PROCESSING
US14/243679	US8981977	US	2014-04-02	SYSTEM AND METHOD FOR LOW-POWER DIGITAL SIGNAL PROCESSING
US14/636621	US9306595	US	2015-03-03	SYSTEM AND METHOD FOR LOW-POWER DIGITAL SIGNAL PROCESSING
US15/082989	US9647687	US	2016-03-28	SYSTEM AND METHOD FOR LOW-POWER DIGITAL SIGNAL PROCESSING
US15/587534	US9991906	US	2017-05-05	SYSTEM AND METHOD FOR LOW-POWER DIGITAL SIGNAL PROCESSING
US14/774845	US10103776	US	2014-03-11	SYNCHRONIZED MULTI-CHANNEL ACCESS SYSTEM
US16/161466	US10659103	US	2018-10-16	SYNCHRONIZED MULTI-CHANNEL ACCESS SYSTEM
US2014023639W	WO2014164856	WO	2014-03-11	SYNCHRONIZED MULTI-CHANNEL ACCESS SYSTEM
US15/037955	US10122543	US	2014-11-20	METHODS AND SYSTEMS FOR POWER MANAGEMENT IN COMMUNICATION DEVICES BASED ON CABLE CONNECTIVITY
US15/037931	US10298413	US	2014-11-20	DEVICE AND METHOD FOR AUTOMATIC NETWORK DETECTION AND FORMATION
US16/181664	US10848340	US	2018-11-06	METHODS AND SYSTEMS FOR POWER MANAGEMENT IN COMMUNICATION DEVICES BASED ON CABLE CONNECTIVITY
US16/735995	US20200153652	US	2020-01-07	DEVICE AND METHOD FOR AUTOMATIC NETWORK DETECTION AND FORMATION
US2014066654W	WO2015077470	WO	2014-11-20	COMMUNICATION DEVICE AND METHOD WHEREIN A

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				CABLE IS SENSED FOR POWER MANAGEMENT
US2014066661W	WO2015077475	WO	2014-11-20	DEVICE AND METHOD FOR MANAGING POWER AND DETERMINING NETWORK PRESENCE
US2014066666W	WO2015077478	WO	2014-11-20	DEVICE AND METHOD FOR AUTOMATIC NETWORK DETECTION AND FORMATION
US15/030751	US20160282922	US	2014-11-20	NETWORK SENSING SYSTEMS AND METHODS FOR POWER MANAGEMENT
US15/720224	US10432262	US	2017-09-29	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION
US14/537359	US9484986	US	2014-11-10	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION
US15/272060	US9806765	US	2016-09-21	METHOD AND SYSTEM FOR BROADBAND NEAR-FIELD COMMUNICATION
US15/832997	US10313489	US	2017-12-06	USB TO COAX BRIDGE
US16/430533	US20200162585	US	2019-06-04	USB TO COAX BRIDGE
US14/302152	US9871892	US	2014-06-11	USB TO COAX BRIDGE
US16/695234	US20200389185	US	2019-11-26	LDPC CODE MATRICES
CN201510073776A	CN104836635	CN	2015-02-11	LDPC CODE MATRIX
US15/598349	US10020820	US	2017-05-18	LDPC CODE MATRICES
US14/177707	US9264074	US	2014-02-11	LDPC CODE MATRICES
US15/001718	US9680503	US	2016-01-20	LDPC CODE MATRICES
US15/974783	US20180262210	US	2018-05-09	LDPC CODE MATRICES
KR20140001217U	KR20150003203	KR	2014-02-17	HIGH FREQUENCY DOCHIM THERAPY
US14/808193	US10104083	US	2015-07-24	METHOD AND APPARATUS FOR MOCA NETWORK WITH PROTECTED SET-UP
US16/161728	US20190098010	US	2018-10-16	METHOD AND APPARATUS FOR MOCA NETWORK WITH PROTECTED SET-UP
US15/812893	US10498768	US	2017-11-14	METHOD AND APPARATUS FOR MOCA NETWORK WITH PROTECTED SET-UP
US14/921667	US9819698	US	2015-10-23	METHOD AND APPARATUS FOR MOCA NETWORK WITH PROTECTED SET-UP
US15/586836	US10015000	US	2017-05-04	METHOD AND APPARATUS FOR MOCA

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				NETWORK WITH PROTECTED SET-UP
US16/026636	US10230515	US	2018-07-03	METHOD AND APPARATUS FOR MOCA NETWORK WITH PROTECTED SET-UP
US16/299246	US20200044811	US	2019-03-12	METHOD AND APPARATUS FOR MOCA NETWORK WITH PROTECTED SET-UP
US14/857453	US9647817	US	2015-09-17	METHOD AND APPARATUS FOR MOCA NETWORK WITH PROTECTED SET-UP
US14/824792	US10285116	US	2015-08-12	METHOD AND APPARATUS FOR PRE-ADMISSION MESSAGING IN A MOCA NETWORK
US16/404354	US20190297564	US	2019-05-06	METHOD AND APPARATUS FOR PRE-ADMISSION MESSAGING IN A MOCA NETWORK
US16/830986	US20200229077	US	2020-03-26	METHOD AND APPARATUS FOR PRE-ADMISSION MESSAGING IN A MOCA NETWORK
US14/824915	US10075333	US	2015-08-12	METHOD AND APPARATUS FOR ADMISSION TO A MOCA NETWORK
US15/805776	US10374879	US	2017-11-07	METHOD AND APPARATUS FOR DETERMINING MOCA BEACON TRANSMIT POWER
US16/128064	US10659296	US	2018-09-11	METHOD AND APPARATUS FOR ADMISSION TO A PREMISES-BASED CABLE NETWORK
US14/824973	US9813999	US	2015-08-12	METHOD AND APPARATUS FOR DETERMINING MOCA BEACON TRANSMIT POWER
US14/839532	US10284386	US	2015-08-28	METHOD AND APPARATUS FOR PROVIDING A HIGH SECURITY MODE IN A NETWORK
US16/404351	US10756923	US	2019-05-06	METHOD AND APPARATUS FOR

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				PROVIDING A HIGH SECURITY MODE IN A NETWORK
US16/717248	US20200127867	US	2019-12-17	METHOD AND APPARATUS FOR PROVIDING A HIGH SECURITY MODE IN A NETWORK
US15/206049	US10313496	US	2016-07-08	SPECTRUM ABSTRACTION FOR A SHARED COAXIAL CABLE NETWORK
US15/205962	US10142256	US	2016-07-08	TIME AND FREQUENCY ALLOCATION FOR CONCURRENT COMMUNICATIONS ON A SHARED COAXIAL CABLE
US16/001067	US10454653	US	2018-06-06	MIXED-MODE CABLE-BASED NETWORK
US15/211897	US9998270	US	2016-07-15	MIXED-MODE MOCA NETWORK
US12/165528	US8427944	US	2008-06-30	BITLOADING APPLIED TO NETWORK MULTICAST MESSAGES
KR20107025432A	KR20110008221	KR	2009-05-15	BITLOADING APPLIED TO NETWORK MULTICAST MESSAGES
US2009044123W	WO2009143012	WO	2009-05-15	BITLOADING APPLIED TO NETWORK MULTICAST MESSAGES
EP09751241A	EP2279570	EP	2009-05-15	BITLOADING APPLIED TO NETWORK MULTICAST MESSAGES
IN5284CHN2012A	IN2012CN05284	IN	2012-06-18	METHOD AND APPARATUS FOR COMMUNICATING UNICAST PQOS DFID INFORMATION
IN1383MUN2009A	IN2009MN01383	IN	2009-07-22	CIRCUITS, SYSTEMS, AND METHODS FOR CONSTRUCTING A COMPOSITE SIGNAL
IN1382MUN2009A	IN2009MN01382	IN	2009-07-22	TRANSLATIONAL SWITCHING SYSTEM AND SIGNAL DISTRIBUTION SYSTEM EMPLOYING SAME
IN1381MUN2009A	IN2009MN01381	IN	2009-07-22	CIRCUITS, SYSTEMS, AND METHODS FOR FREQUENCY TRANSLATION AND SIGNAL DISTRIBUTION

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IN950KON2011A	IN2011KN00950	IN	2011-03-03	DATA TRANSMISSION OVER A NETWOK WITH CHANNEL BONDING
IN1375KON2011A	IN2011KN01375	IN	2011-03-31	METHOD AND APPARATUS FOR PERFORMING CONSTELLATION SCRAMBLING IN A MULTIMEDIA HOME NETWORK
IN1343KON2011A	IN2011KN01343	IN	2011-03-29	SYSTEMS AND METHODS FOR PROBING WIRED COMMUNICATION CHANNELS
IN4317KON2010A	IN2010KN04317	IN	2010-11-16	CHANNEL STACKING SYSEM AND METHOD OF OPERATION
IN4242KON2010A	IN2010KN04242	IN	2010-11-11	BITLOADING APPLIED TO NETWORK MULTICAST MESSAGES
IN5368CHN2011A	IN2011CN05368	IN	2011-07-25	RETRANSMISSION ADMISSION MECHANISM IN A MANAGED SHARED NETWORK WITH QUALITY OF SERVICE
IN2702KON2011A	IN2011KN02702	IN	2011-06-29	METHOD AND APPARATUS FOR BLOCK ACKNOWLEDGEMENT IN A COMMUNICATION NETWORK
IN1838MUN2011A	IN2011MN01838	IN	2011-09-06	A METHOD FOR QUICK MAP RECOVERY IN CASE OF ERROR IN MOCA