

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5208773

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

CONVEYING PARTY DATA

Name	Execution Date
CERBERUS BUSINESS FINANCE, LLC	10/01/2018

RECEIVING PARTY DATA

Name:	XIEON NETWORKS S.A.R.L.
Street Address:	1415 WEST DIEHL ROAD
City:	NAPERVILLE
State/Country:	ILLINOIS
Postal Code:	60563

PROPERTY NUMBERS Total: 153

Property Type	Number
Patent Number:	6896549
Patent Number:	6901225
Patent Number:	6904237
Patent Number:	6947421
Patent Number:	6968134
Patent Number:	6972835
Patent Number:	6980289
Patent Number:	7020092
Patent Number:	7024117
Patent Number:	7042632
Patent Number:	7054402
Patent Number:	7055084
Patent Number:	7058256
Patent Number:	7061668
Patent Number:	7076173
Patent Number:	7079766
Patent Number:	7088925
Patent Number:	7099577
Patent Number:	7103286
Patent Number:	7116454

PATENT

Property Type	Number
Patent Number:	7127166
Patent Number:	7127478
Patent Number:	7212600
Patent Number:	7221873
Patent Number:	7236702
Patent Number:	7245633
Patent Number:	7248398
Patent Number:	7277638
Patent Number:	7295782
Patent Number:	7312909
Patent Number:	7349595
Patent Number:	7356217
Patent Number:	7379234
Patent Number:	7412167
Patent Number:	7430172
Patent Number:	7453627
Patent Number:	7460784
Patent Number:	7480465
Patent Number:	7509054
Patent Number:	7535632
Patent Number:	7539139
Patent Number:	7539140
Patent Number:	7546034
Patent Number:	7574132
Patent Number:	7596320
Patent Number:	7619812
Patent Number:	7620326
Patent Number:	7627248
Patent Number:	7672589
Patent Number:	7702239
Patent Number:	7715729
Patent Number:	7715730
Patent Number:	7742699
Patent Number:	7817919
Patent Number:	7817921
Patent Number:	7840143
Patent Number:	7876852
Patent Number:	7920787

Property Type	Number
Patent Number:	7983567
Patent Number:	8041212
Patent Number:	8073332
Patent Number:	8089690
Patent Number:	8094369
Patent Number:	8139939
Patent Number:	8189258
Patent Number:	8189478
Patent Number:	8199803
Patent Number:	8200098
Patent Number:	8238762
Patent Number:	8295710
Patent Number:	8301025
Patent Number:	8301031
Patent Number:	8306423
Patent Number:	8306432
Patent Number:	8462428
Patent Number:	8493652
Patent Number:	8582979
Patent Number:	8594512
Patent Number:	8600230
Patent Number:	8676056
Patent Number:	8687962
Patent Number:	8699877
Patent Number:	8705970
Patent Number:	8707138
Patent Number:	8718481
Patent Number:	8725007
Patent Number:	8755690
Patent Number:	8768165
Patent Number:	8781318
Patent Number:	8798471
Patent Number:	8817366
Patent Number:	8824034
Patent Number:	8824891
Patent Number:	8868771
Patent Number:	8908265
Patent Number:	8934771

Property Type	Number
Patent Number:	8934773
Patent Number:	8937761
Patent Number:	8964924
Patent Number:	8989597
Patent Number:	9002203
Patent Number:	9014566
Patent Number:	9014573
Patent Number:	9048971
Patent Number:	9054495
Patent Number:	9065590
Patent Number:	9083498
Patent Number:	9106345
Patent Number:	9173013
Patent Number:	9178643
Patent Number:	9203211
Patent Number:	9281903
Patent Number:	9294196
Patent Number:	9385805
Patent Number:	9401764
Patent Number:	9432141
Patent Number:	9436209
Patent Number:	9461749
Patent Number:	9473238
Patent Number:	9529215
Patent Number:	9584250
Patent Number:	9590734
Patent Number:	9641242
Patent Number:	9832055
Patent Number:	9544055
Patent Number:	9621261
Patent Number:	9712242
Patent Number:	9742519
Patent Number:	9762019
Patent Number:	9819440
Patent Number:	9823540
Patent Number:	9841348
Patent Number:	9887735
Patent Number:	9998362

Property Type	Number
Patent Number:	9490930
Patent Number:	9509407
Patent Number:	9467246
Patent Number:	9871615
Application Number:	10569780
Application Number:	13049287
Application Number:	13142881
Application Number:	13634324
Application Number:	13976599
Application Number:	13976615
Application Number:	13977210
Application Number:	13990860
Application Number:	14356791
Application Number:	14368643
Application Number:	14390198
Application Number:	14643421
Application Number:	14890373
Application Number:	15309133
Application Number:	15318603

CORRESPONDENCE DATA

Fax Number: (415)947-2099

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ATTORNEY DOCKET NUMBER:	27142.030
NAME OF SUBMITTER:	QUI LU FLOOD
SIGNATURE:	/Qui Lu Flood/
DATE SIGNED:	10/26/2018

Total Attachments: 9

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RELEASE OF SECURITY INTEREST IN PATENTS

This Release of Security Interest in Patents (this “**Release**”) is made as of October 1, 2018, by Cerberus Business Finance, LLC, a Delaware limited liability company (the “**Secured Party**”), for the benefit of Xieon Networks S.à.r.l., a limited liability company organized under the laws of Luxembourg (the “**Grantor**”). Capitalized terms used but not otherwise defined herein shall have the respective meanings ascribed thereto in the Security Agreements.

W I T N E S S E T H:

WHEREAS, the Grantor and the Secured Party are parties to (a) that certain Assignment for Security dated as of December 8, 2014, recorded in the United States Patent and Trademark Office at Reel 034639 and Frame 0201 on December 16, 2014, (b) that certain Assignment for Security dated as of December 27, 2016, recorded in the United States Patent and Trademark Office at Reel 040776 and Frame 0088 on December 27, 2016 and (c) to that certain Assignment for Security dated as of March 2, 2017, recorded in the United States Patent and Trademark Office at Reel 041482 and Frame 0876 on March 3, 2017 (each a “**Security Agreement**,” collectively the “**Security Agreements**”), pursuant to which the Grantor granted to the Secured Party, for its benefit and the benefit of certain lenders, a continuing security interest in all right, title and interest of such Grantor in, to and under the Patents and the applications and registrations thereof, and all proceeds thereof, including, without limitation, any and all causes of action which may exist by reason of infringement thereof and any and all damages arising from past, present and future violations thereof (the “**Collateral**”);

WHEREAS, the Grantor has requested that the Secured Party release, and the Secured Party is willing to release its lien on and security interest in, and any other right, title, and interest it may have in, to and under the Collateral.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Secured Party hereby agrees as follows:


1. The Secured Party does hereby terminate each of the Security Agreements and terminate, release, discharge and reassigns to the Grantor the entirety of any and all security interests that it may have in, and all claims, whether presently existing or hereafter acquired or created, pursuant to the Security Agreements to the Collateral and any right, title or interest of the Secured Party in such Collateral, if any, shall hereby terminate, cease and become void.

2. This Release and the rights and obligations of the parties hereunder shall be governed by, and shall be construed and enforced in accordance with, the laws of the State of California.

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IN WITNESS WHEREOF, the undersigned has caused this Release of Security Interest in Patents to be executed and delivered as of the date first written above.

CERBERUS BUSINESS FINANCE, LLC

By: 
Name: Eric F. Miller
Title: Executive Vice President

[SIGNATURE PAGE TO RELEASE OF SECURITY INTEREST IN PATENTS]

PATENT
REEL: 047335 FRAME: 0959

SCHEDULE I

Xieon Networks S.à.r.l. U.S. Patent Application Filings

Application No.	Filing Date.	Title
10569780	2006-02-24	Method for transmitting data packages
13049287	2011-03-16	OPTICAL MODULATOR, COMMUNICATION SYSTEM, AND COMMUNICATION METHOD
13142881	2011-10-04	METHOD TO DEFINE SHARED RISK LINK GROUPS IN OPTICAL TRANSPORT SYSTEMS
13634324	2012-09-12	OPTICAL MODULATOR
13976599	2013-09-17	METHOD FOR DATA COMMUNICATION NETWORKS AND SYSTEM
13976615	2013-09-30	OPTICAL COMMUNICATION SYSTEM AND METHOD FOR DATA PROCESSING IN AN OPTICAL NETWORK
13977210	2013-09-11	METHOD FOR DYNAMIC PACKET-OPTICAL SERVER NETWORK
13990860	2013-09-17	METHOD AND DEVICE FOR SERVICE PROVISIONING IN A COMMUNICATION NETWORK
14356791	2014-09-12	DATA PROCESSING OF AN OPTICAL NETWORK ELEMENT
14368643	2014-06-25	METHOD AND ARRANGEMENT FOR SIGNAL TRANSMISSION AND COMPENSATION OF BACK REFLECTIONS IN OPTICAL ACCES PON SYSTEMS
14390198	2014-10-02	OPTICAL FIBER RIBBONIZATION APPARATUS AND METHOD
14643421	2015-03-10	NETWORK ELEMENT OF A SOFTWARE-DEFINED NETWORK
14890373	2015-11-10	METHOD, DEVICE AND COMMUNICATION SYSTEM FOR REDUCING OPTICAL TRANSMISSION IMPAIRMENTS
15309133	Nov 4, 2016	ADAPTIVE TRAFFIC ROUTING IN COMMUNICATION NETWORKS
15318603	Dec 13, 2016	CYCLE SLIP RESILIENT CODED MODULATION FOR FIBER-OPTIC COMMUNICATIONS

Xieon Networks S.à.r.l. U.S. Patents

Application No.	Filing Date	Patent No.	Issue Date	Title
10476940	2003-11-04	6896549	2005-05-24	DEVICE FOR CONNECTING COAXIAL CONDUCTORS TO A PLUG-IN CONNECTOR

[SCHEDULE I]

**PATENT
REEL: 047335 FRAME: 0960**

09743435	2001-01-09	6901225	2005-05-31	DEVICE FOR DETECTING POLARIZATION MODE DISPERSIONS
09862090	2001-05-21	6904237	2005-06-07	CIRCUIT FOR MEASUREMENT OF THE SIGNAL QUALITY IN DIGITAL OPTICAL FIBER TRANSMISSION NETWORKS BY INTERPRETING THE SIGNAL HISTOGRAM
09645306	2000-08-25	6947421	2005-09-20	SYSTEM METHOD FOR THE AUTOMATIC ROUTING OF DATA PACKETS IN AN OPTICAL DATA PACKET STREAM
09937878	2001-10-01	6968134	2005-11-22	METHOD AND ARRANGEMENT FOR MEASURING THE SIGNAL QUALITY IN AN OPTICAL TRANSMISSION SYSTEM
10334587	2002-12-30	6972835	2005-12-06	SYSTEM AND METHOD FOR MEASURING AND COMPENSATING FOR THE POLARIZATION MODE DISPERSION OF AN OPTICAL SIGNAL
11085789	2005-03-21	6980289	2005-12-27	SYSTEM AND METHOD FOR MEASURING AND COMPENSATING FOR THE POLARIZATION MODE DISPERSION OF AN OPTICAL SIGNAL
09807766	2001-04-18	7020092	2006-03-28	METHOD FOR CHANNEL ADJUSTMENT OF TRANSMISSION SIGNAL POWER IN A WAVELENGTH DIVISION MULTIPLEXING TRANSMISSION SYSTEM
09555295	2000-05-26	7024117	2006-04-04	METHOD AND APPARATUS FOR ADJUSTING TILTING AND LEVEL OF OPTICAL SIGNALS
10398016	2003-03-31	7042632	2006-05-09	RAMAN AMPLIFIER
10137975	2002-05-03	7054402	2006-05-30	DATA REGENERATOR WITH ADJUSTABLE DECISION THRESHOLD AND ADJUSTABLE SAMPLING INSTANT
10075025	2002-02-11	7055084	2006-05-30	METHOD AND SYSTEM FOR REGULATING THE DECISION THRESHOLD AND THE SAMPLING CLOCK PHASE OF A DATA REGENERATOR FOR A BINARY SIGNAL
09807232	2001-04-09	7058256	2006-06-06	OPTICAL FILTER, ADJUSTABLE ADD-DROP-CONTINUE MODULE AND CIRCUIT FOR BUNDLED CROSS-CONNECT FUNCTIONALITY
10393563	2003-03-21	7061668	2006-06-13	FAST OPTICAL AMPLIFIER CONTROL CIRCUIT
10211421	2002-08-02	7076173	2006-07-11	METHOD FOR DISPERSION COMPENSATION REGULATION
10407764	2003-04-04	7079766	2006-07-18	METHOD FOR SPLITTING AN OPTICAL SIGNAL INTO A NUMBER OF ELECTRICAL DATA SIGNALS WITH LOWER BIT RATES
10019526	2001-12-27	7088925	2006-08-08	DEVICE FOR DETECTING POLARIZATION MODE DISPERSION
10184439	2002-06-28	7099577	2006-08-29	OPTICAL TRANSMISSION SYSTEM WITH BIDIRECTIONAL CONNECTION PATHS AND METHOD FOR SETTING UP AT LEAST ONE BIDIRECTIONAL CONNECTION PATH
09914899	2001-09-04	7103286	2006-09-05	Method and system for optimizing the pulse form of an amplitude modulated optical signal
10095890	2002-03-11	7116454	2006-10-03	METHOD FOR DETERMINING SIGNAL QUALITY IN OPTICAL TRANSMISSION SYSTEMS
10261880	2002-09-30	7127166	2006-10-24	METHOD FOR TRANSMITTING AT LEAST ONE FIRST AND ONE SECOND DATA SIGNAL IN POLARIZATION DIVISION MULTIPLEX IN AN OPTICAL TRANSMISSION SYSTEM
09282145	1999-03-31	7127478	2006-10-24	DATA BASE FOR PERSISTENT DATA
09936670	2002-01-02	7212600	2007-05-01	METHOD AND APPARATUS FOR AUTOMAMATICALLY PRODUCING CLOCK SIGNALS FOR SAMPLING DATA SIGNALS AT DIFFERENT DATA RATES VIA A PHASE

[SCHEDULE I]

PATENT
REEL: 047335 FRAME: 0961

				LOCKED LOOP
09913987	2001-08-20	7221873	2007-05-22	NETWORK NODES WITH OPTICAL ADD/DROP MODULES
10137947	2002-05-03	7236702	2007-06-26	METHOD AND SYSTEM FOR DUOBINARY CODING OF OPTICAL SIGNALS
10148454	2002-05-29	7245633	2007-07-17	MULTIPLEXING METHOD FOR GIGABIT ETHERNET SIGNALS IN THE SYNCHRONOUS DIGITAL HIERARCHY
10525027	2005-02-22	7248398	2007-07-24	METHOD FOR DETERMINING THE GAIN SPECTRUM OF A RAMAN AMPLIFIER IN A WDM-TRANSMISSION SYSTEM
09913451	2001-08-14	7277638	2007-10-02	ADD-DROP-MULTIPLEXER AND OPTICAL WAVELENGTH DIVISION MULTIPLEX TRANSMISSION SYSTEM
09682331	2001-08-21	7295782	2007-11-13	CONTROL METHOD AND OPTICAL DATA TRANSMISSION PATH FOR COMPENSATING CHANGES IN SRS-INDUCED POWER EXCHANGE
10168924	2002-06-25	7312909	2007-12-25	METHOD FOR SYNCHRONIZING THE PHASE OF OPTICAL RETURN-TO-ZERO (RZ) DATA SIGNALS
10761848	2004-01-21	7349595	2008-03-25	BANDPASS FILTER AND METHOD FOR INCREASING THE SENSITIVITY ON RECEPTION OF AN OPTICAL SIGNAL
10547601	2006-05-24	7356217	2008-04-08	ADD-DROP DEVICE AND CROSS-CONNECT DEVICE FOR WAVELENGTH MULTIPLEX SIGNALS
11239410	2005-09-29	7379234	2008-05-27	QUALITY MONITORING OF AN OPTICAL FIBER AMPLIFIER
10348373	2003-01-21	7412167	2008-08-12	SYSTEM AND METHOD FOR LIMITING THE TRANSMISSION CAPACITY ON A DATA TRANSMISSION PATH
10545550	2005-08-12	7430172	2008-09-30	METHOD FOR ALLOCATING TRANSMISSION BANDWIDTH IN A PACKET-ORIENTED COMMUNICATIONS FACILITY
10596531	2006-06-15	7453627	2008-11-18	METHOD FOR CONTROLLING THE PUMP POWER OF AN OPTICAL AMPLIFIER
10554171	2005-10-21	7460784	2008-12-02	METHOD FOR PREEMPHASISING AN OPTICAL MULTIPLEX SIGNAL
11330526	2006-01-12	7480465	2009-01-20	RECEIVER FOR A DIFFERENTIAL PHASE MODULATED SIGNAL
10528313	2005-03-17	7509054	2009-03-24	METHOD FOR THE TRANSMISSION OF OPTICAL POLARIZATION MULTIPLEX SIGNALS
11666740	2007-05-01	7535632	2009-05-19	COMPENSATION OF GAIN VARIATIONS IN A MULTISTAGE OPTICAL AMPLIFIER
10570006	2006-02-28	7539139	2009-05-26	METHOD FOR TRANSMISSION OF DATA PACKETS THROUGH A NETWORK WITH AN AGGREGATION STRATEGY WITH TIMEOUT TO A BURST
10570009	2006-02-28	7539140	2009-05-26	METHOD TO DETERMINE AVERAGE NUMBER OF PACKETS PER BURST FOR TRANSMISSION OF DATA PACKETS THROUGH A NETWORK
10450184	2003-11-12	7546034	2009-06-09	CIRCUIT ARRANGEMENT FOR LINE PROTECTION OF OPTICAL DATA TRANSMISSION
10569143	2006-02-21	7574132	2009-08-11	METHOD FOR STARTING LASERS IN A NETWORK
11239412	2005-09-29	7596320	2009-09-29	PREEMPHASIS OF AN OPTICAL WAVELENGTH MULTIPLEX SIGNAL
11200478	2005-08-09	7619812	2009-11-17	METHOD AND ARRANGEMENT FOR THE RAPID ADJUSTMENT OF THE TILT OF OPTICAL WDM SIGNALS
10524617	2005-02-08	7620326	2009-11-17	METHOD FOR TRANSMITTING AT LEAST ONE FIRST AND SECOND DATA SIGNAL IN POLARIZATION MULTIPLEX IN AN OPTICAL TRANSMISSION SYSTEM

[SCHEDULE I]

PATENT
REEL: 047335 FRAME: 0962

10562304	2005-12-22	7627248	2009-12-01	METHOD FOR PRE-EMPHASIS OF OPTICAL SIGNALS IN A TRANSMISSION SYSTEM COMPRISING ADD-DROP-MODULES
10513975	2004-11-09	7672589	2010-03-02	METHOD AND POLARIZATION-MULTIPLEX SYSTEM FOR REDUCING THE SIGNAL DEGRADATION OF AN OPTICAL POLARIZATION-MULTIPLEX SIGNAL
10508731	2005-05-17	7702239	2010-04-20	CROSS-CONNECTOR FOR OPTICAL SIGNALS
10593415	2007-07-17	7715729	2010-05-11	APPARATUS AND METHOD FOR GENERATING AN OPTICAL SINGLE SIDEBAND SIGNAL
10588023	2006-08-01	7715730	2010-05-11	METHOD FOR OPTICAL TRANSMISSION OF A POLARIZATION DIVISION MULTIPLEXED SIGNAL
11663042	2007-03-16	7742699	2010-06-22	METHOD AND ARRANGEMENT FOR THE OPTICAL TRANSMISSION OF DATA SIGNALS VIA DIFFERENTIAL PHASE MODULATION IN A POLARIZATION MULTIPLEX METHOD
11794285	2007-06-26	7817919	2010-10-19	METHOD FOR TRANSMISSION OF DATA PACKETS BY MEANS OF AN OPTICAL BURST SWITCHING NETWORK AND NETWORK NODES FOR AN OPTICAL BURST SWITCHING NETWORK
11664177	2007-03-29	7817921	2010-10-19	DETERMINATION OF THE AMPLIFIED SPONTANEOUS EMISSION IN AN OPTICAL FIBRE AMPLIFIER
11884063	2007-08-09	7840143	2010-11-23	METHOD & APPARATUS FOR DEMODULATING AN OPTICAL DIFFERENTIAL PHASE-SHIFT KEYING SIGNAL
12281119	2008-08-28	7876852	2011-01-25	MODULATOR DEVICE FOR GENERATING AN OPTICAL TRANSFER SIGNAL MODULATED BY BINARY SIGNAL
10510973	2005-06-16	7920787	2011-04-05	METHOD FOR DETECTING A CHECK-BACK SIGNAL IN AN OPTICAL TRANSMISSION SYSTEM
11997890	2008-02-04	7983567	2011-07-19	METHOD AND SYSTEM FOR POLARIZATION MODEM DISPERSION COMPENSATION
12373105	2009-01-14	8041212	2011-10-18	METHOD AND ARRANGEMENTS FOR DETERMINING THE OPTICAL SIGNAL-TO-NOISE RATIO FOR AN OPTICAL TRANSMISSION SYSTEM
12275915	2008-11-21	8073332	2011-12-06	PHOTONIC CROSS-CONNECT
11994992	2008-02-25	8089690	2012-01-03	MULTISTAGE FIBER AMPLIFIER AND METHOD FOR ADAPTING A PUMP POWER OF A MULTISTAGE FIBER AMPLIFIER
12097498	2008-07-10	8094369	2012-01-10	REGULATABLE OPTICAL AMPLIFIER, AND METHOD FOR REGULATING AN OPTICAL AMPLIFIER
12419703	2009-04-07	8139939	2012-03-20	UPGRADEABLE PASSIVE OPTICAL NETWORK
12478161	2009-06-04	8189258	2012-05-29	OPTICAL AMPLIFIER CONFIGURATION
10585713	2008-07-25	8189478	2012-05-29	METHOD FOR THE OPTIMIZED TRANSMISSION OF DATA BURSTS BETWEEN A SENDING AND A RECEIVING NETWORK NODE
12373614	2010-01-26	8199803	2012-06-12	RECEIVER STRUCTURE AND METHOD FOR THE DEMODULATION OF A QUADRATURE-MODULATED SIGNAL
12516378	2009-06-05	8200098	2012-06-12	METHOD AND ARRANGEMENT FOR CONTROLLING A REGENERATOR FOR DATA BURST SIGNALS OF A SYSTEM COMPRISING POINT-TO-MULTIPOINT CONNECTIONS, TRANSMISSION SYSTEM COMPRISING POINT-TO-MULTIPOINT CONNECTIONS, AND REGENERATOR
12375512	2009-02-19	8238762	2012-08-07	METHOD AND ARRANGEMENTS FOR IMPROVING SIGNAL QUALITY
13002551	2011-03-10	8295710	2012-10-23	OPTICAL I-Q-MODULATOR
12442118	2009-03-20	8301025	2012-10-30	METHOD FOR DETERMINING THE OPTICAL SIGNAL-TO-

[SCHEDULE I]

PATENT
REEL: 047335 FRAME: 0963

				NOISE RATIO AND RECEIVER DEVICE FOR AN OPTICAL TRANSMISSION SYSTEM
12304673	2009-01-06	8301031	2012-10-30	METHOD AND ARRANGEMENT FOR SWITCHING A RAMAN PUMP LASER ON AND/OR OFF
12601715	2009-11-24	8306423	2012-11-06	METHOD AND OPTICAL NETWORK COMPONENT FOR SIGNAL PROCESSING IN AN OPTICAL NETWORK AND COMMUNICATION SYSTEM
12376693	2010-01-27	8306432	2012-11-06	OPTICAL REGENERATOR AND PHASE ERROR DETECTION UNIT FOR AN OPTICAL REGENERATOR, AND METHOD FOR OPTICAL REGENERATION
12812997	2010-08-11	8462428	2013-06-11	METHOD AND DEVICE FOR PROVIDING AND/OR CONTROLLING AN OPTICAL SIGNAL
12922198	2010-12-22	8493652	2013-07-23	METHOD FOR CONTROLLING AN ERBIUM DOPED FIBER AMPLIFIER (EDFA) AND AMPLIFIER ARRANGEMENT
12193459	2008-08-18	8582979	2013-11-12	METHOD AND ARRANGEMENT FOR TRANSMITTING AN OPTICAL OFDM-SIGNAL
13120247	2011-05-27	8594512	2013-11-26	METHOD AND APPARATUS FOR TRANSMISSION OF TWO MODULATED SIGNALS VIA AN OPTICAL CHANNEL
13266015	2011-12-02	8600230	2013-12-03	METHOD AND DEVICE FOR DATA PROCESSING
13000158	2011-01-19	8676056	2014-03-18	SUBCARRIER MULTIPLEX SYSTEM
13173077	2011-06-30	8687962	2014-04-01	METHOD AND ARRANGEMENT FOR TRANSMITTING SIGNALS IN A POINT TO MULTIPOINT NETWORK
13000143	2011-03-14	8699877	2014-04-15	WAVELENGTH DIVISION MULTIPLEX TERMINAL WITH AUTOMATIC CONFIGURATION AND SUPERVISION OF SWITCH CONNECTIONS
13056668	2011-03-28	8705970	2014-04-22	METHOD FOR DATA PROCESSING IN AN OPTICAL NETWORK, OPTICAL NETWORK COMPONENT AND COMMUNICATION SYSTEM
13322656	2011-11-28	8707138	2014-04-22	METHOD AND ARRANGEMENT FOR BLIND DEMULTIPLEXING A POLARISATION DIVERSITY MULTIPLEX SIGNAL
12937479	2010-10-12	8718481	2014-05-06	METHOD AND DEVICE FOR PHASE RECOVERY AND COMMUNICATION SYSTEM COMPRISING SUCH DEVICE
13202665	2011-08-22	8725007	2014-05-13	METHOD AND ARRANGEMENT FOR ADAPTIVE DISPERSION COMPENSATION
13201237	2011-10-24	8755690	2014-06-17	SYSTEM AND METHOD FOR ADMINISTRATION OF DISPERSION COMPENSATION MODULES
13392654	2012-03-26	8768165	2014-07-01	METHOD AND ARRANGEMENT FOR IN SERVICE RAMAN GAIN MEASUREMENT AND MONITORING
13391456	2012-02-21	8781318	2014-07-15	Data Processing in an Optical Network
13501814	2012-05-11	8798471	2014-08-05	METHOD FOR PROCESSING DATA IN AN OPTICAL NETWORK ELEMENT AND OPTICAL NETWORK ELEMENT
13394684	2012-04-04	8817366	2014-08-26	OPTICAL FIBER AMPLIFIER WITH IMPROVED TRANSIENT PERFORMANCE
13395529	2012-03-16	8824034	2014-09-02	METHOD OF OPERATING A LASER IN AN OPTICAL COMPONENT, OPTICAL COMPONENT, AND OPTICAL COMMUNICATION SYSTEM
13518277	2012-07-17	8824891	2014-09-02	METHOD AND APPARATUS FOR PREVENTING SIGNAL INTERFERENCE IN A PASSIVE OPTICAL NETWORK
12063558	2008-02-11	8868771	2014-10-21	METHOD FOR TRANSMITTING DATA, AND NETWORK ELEMENT FOR A DATA NETWORK
13394240	2012-04-05	8908265	2014-12-09	OPTICAL FIBER AMPLIFIER COMPRISING AN EMBEDDED FILTER AND A CONTROL METHOD WITH IMPROVED FEEDFORWARD CONTROL PERFORMANCE

[SCHEDULE I]

PATENT
REEL: 047335 FRAME: 0964

13502177	2012-04-25	8934771	2015-01-13	OPTICAL NETWORK AND METHOD FOR PROCESSING DATA IN AN OPTICAL NETWORK
13056669	2011-04-01	8934773	2015-01-13	METHOD FOR DATA PROCESSING IN AN OPTICAL NETWORK, OPTICAL NETWORK COMPONENT AND COMMUNICATION SYSTEM
13035506	2011-02-25	8937761	2015-01-20	METHOD AND ARRANGEMENT FOR THE RAPID ADJUSTMENT OF THE TILT OF OPTICAL WDM SIGNALS
13825877	2013-03-25	8964924	2015-02-24	METHOD AND DEVICE FOR CLOCK RECOVERY
13508440	2012-05-31	8989597	2015-03-24	ELECTRICALLY CONTROLLABLE COLLIMATOR IN A LASER RESONATOR
13583716	2012-11-13	9002203	2015-04-07	Data Processing of an Optical Network Element
13122774	2011-06-01	9014566	2015-04-21	OPTICAL COMPONENT AND METHOD FOR DATA PROCESSING
13985532	2013-09-30	9014573	2015-04-21	PROCESSING DATA IN AN OPTICAL NETWORK ELEMENT
13990855	2013-08-14	9048971	2015-06-02	OPTICAL COMMUNICATION METHOD AND SYSTEM
13508441	2012-05-07	9054495	2015-06-09	OPTICAL FIBER AMPLIFIER WITH IMPROVED PERFORMANCE
13577297	2012-08-06	9065590	2015-06-23	CLOCK RECOVERY METHOD AND CLOCK RECOVERY ARRANGEMENT FOR COHERENT POLARIZATION MULTIPLEX RECEIVERS
12865475	2010-08-27	9083498	2015-07-14	METHOD AND DEVICE FOR PROCESSING DATA AND COMMUNICATION SYSTEM COMPRISING SUCH DEVICE
13977236	2013-07-16	9106345	2015-08-11	OPTICAL COMMUNICATION APPARATUS AND METHOD
13391439	2012-03-28	9173013	2015-10-27	METHOD AND DEVICE FOR ADJUSTING A LASER IN AN OPTICAL NETWORK
13985767	2013-09-30	9178643	2015-11-03	PROCESSING DATA IN AN OPTICAL NETWORK
13996354	2013-09-10	9203211	2015-12-01	OPTICAL NETWORK COMPONENT AND METHOD FOR PROCESSING DATA IN AN OPTICAL NETWORK
14228985	2014-03-28	9281903	2016-03-08	METHOD AND ARRANGEMENT FOR ADAPTIVE DISPERSION COMPENSATION
14452073	2014-08-05	9294196	2016-03-22	METHOD FOR PROCESSING DATA IN AN OPTICAL NETWORK ELEMENT AND OPTICAL NETWORK ELEMENT
13062575	2011-05-02	9385805	2016-07-05	SAFETY AND POWER CONTROL ARRANGEMENT AND METHOD FOR OPTICAL FIBER COMMUNICATION SYSTEMS
14350736	2014-04-09	9401764	2016-07-26	OPTICAL NETWORK UNIT
13698781	2012-11-19	9432141	2016-08-30	OPTICAL NETWORK UNIT, METHOD FOR PROCESSING DATA IN AN OPTICAL NETWORK AND COMMUNICATION SYSTEM
13824551	2013-12-18	9436209	2016-09-06	METHOD AND SYSTEM FOR CLOCK RECOVERY WITH ADAPTIVE LOOP GAIN CONTROL
14127044	2014-04-23	9461749	2016-10-04	OPTICAL LINE TERMINAL TRANSMITTING DEVICE FOR NEXT GENERATION OPTICAL ACCESS NETWORKS
14239919	2014-05-14	9473238	2016-10-18	METHOD AND DEVICE FOR PROCESSING A COMMUNICATION NETWORK
13579341	2012-09-17	9529215	2016-12-27	OPTICAL NETWORK ELEMENT
14369857	2014-06-30	9584250	2017-02-28	SYMBOL TIMING ESTIMATION FOR COHERENT POLARIZATION MULTIPLEX OPTICAL RECEIVERS
13254896	2011-11-21	9590734	2017-03-07	METHOD FOR DATA PROCESSING IN AN OPTICAL NETWORK COMPONENT AND OPTICAL NETWORK COMPONENT
14123557	2014-03-05	9641242	2017-05-02	OPTICAL COMMUNICATION SYSTEM, DEVICE AND METHOD FOR DATA PROCESSING IN AN OPTICAL

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PATENT
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				NETWORK
13515851	2012-09-21	9832055	2017-11-28	Method and Arrangement for Transmitting an Optical Transmission Signal with Reduced Polarisation-Dependent Loss
14410244	2015-01-30	9544055	2017-01-10	OPTICAL NETWORK ELEMENT
14410907	2015-06-01	9621261	2017-04-11	METHOD AND ARRANGEMENT FOR CHANNEL SET UP IN AN OPTICAL WDM-NETWORK
14401622	2014-11-17	9712242	2017-07-18	OPTICAL NETWORK AND OPTICAL NETWORK ELEMENT
14761775	2015-07-17	9742519	2017-08-22	PHOTONIC CROSS-CONNECT WITH RECONFIGURABLE ADD-DROP-FUNCTIONALITY
14787104	2015-10-26	9762019	2017-09-12	OPERATING A LASER DIODE IN AN OPTICAL NETWORK
14401664	2014-11-17	9819440	2017-11-14	METHOD AND DEVICE FOR SIGNAL PROCESSING IN AN OPTICAL COMMUNICATION NETWORK
14777853	2015-09-17	9823540	2017-11-21	OPTICAL IQ MODULATOR CONTROL
14769711	2015-08-21	9841348	2017-12-12	FIBER INTEGRITY MONITORING
14947896	2015-11-20	9887735	2018-02-06	METHOD AND ARRANGEMENT FOR SIGNAL TRANSMISSION AND COMPENSATION OF BACK REFLECTIONS IN OPTICAL ACCESS PON SYSTEMS
15025071	2016-03-25	9998362	2018-06-12	CENTRALIZED DATA PATH ESTABLISHMENT AUGMENTED WITH DISTRIBUTED CONTROL MESSAGING
13990371	Sep 12, 2013	9490930	Nov 8, 2016	OPTICAL COMMUNICATION SYSTEM AND METHOD
14410173	Dec 22, 2014	9509407	Nov 29, 2016	METHOD AND DEVICE FOR CONVEYING OPTICAL DATA
14735515	Jun 10, 2015	9467246	Oct 11, 2016	CLOCK RECOVERY METHOD AND CLOCK RECOVERY ARRANGEMENT FOR COHERENT POLARIZATION MULTIPLEX RECEIVERS
15278790	Sep 28, 2016	9871615	Jan 16, 2018	CLOCK RECOVERY METHOD AND CLOCK RECOVERY ARRANGEMENT FOR COHERENT POLARIZATION MULTIPLEX RECEIVERS

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