

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| CREDIT SUISSE AG | 03/31/2014 |

RECEIVING PARTY DATA

| | |
|------------------------|-------------------------|
| Name: | ALCATEL-LUCENT USA INC. |
| Street Address: | 600-700 MOUNTAIN AVENUE |
| City: | MURRAY HILL |
| State/Country: | NEW JERSEY |
| Postal Code: | 07974-0636 |

PROPERTY NUMBERS Total: 80

| Property Type | Number |
|---------------------|----------|
| Patent Number: | 8638662 |
| Patent Number: | 7788566 |
| Application Number: | 12945342 |
| Patent Number: | 8610625 |
| Patent Number: | 8440299 |
| Patent Number: | 7433703 |
| Patent Number: | 7072661 |
| Patent Number: | 7639668 |
| Patent Number: | 7009565 |
| Patent Number: | 6046683 |
| Patent Number: | 6084530 |
| Application Number: | 13105460 |
| Patent Number: | 8412050 |
| Application Number: | 12985564 |
| Application Number: | 12984020 |
| Patent Number: | 6348684 |
| Patent Number: | 8363690 |
| Patent Number: | 7715861 |
| Patent Number: | 7928638 |
| Application Number: | 13191689 |
| Patent Number: | 7369396 |

PATENT

| Property Type | Number |
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| Patent Number: | 7667648 |
| Patent Number: | 7660340 |
| Patent Number: | 7200631 |
| Patent Number: | 8611708 |
| Patent Number: | 5898715 |
| Application Number: | 13195244 |
| Application Number: | 13278344 |
| Application Number: | 13708028 |
| Application Number: | 13653630 |
| Patent Number: | 5966480 |
| Patent Number: | 6418148 |
| Patent Number: | 6507572 |
| Patent Number: | 6757270 |
| Patent Number: | 7695550 |
| Patent Number: | 7323033 |
| Patent Number: | 8414833 |
| Patent Number: | 7678495 |
| Patent Number: | 7212695 |
| Patent Number: | 7583750 |
| Patent Number: | 6662019 |
| Patent Number: | 6810407 |
| Patent Number: | 6081361 |
| Patent Number: | 7966548 |
| Patent Number: | 7359466 |
| Patent Number: | 6456637 |
| Patent Number: | 6859446 |
| Patent Number: | 6618598 |
| Patent Number: | 7142867 |
| Patent Number: | 6829468 |
| Patent Number: | 6944449 |
| Patent Number: | 6968201 |
| Patent Number: | 7692198 |
| Patent Number: | 7542768 |
| Patent Number: | 7272398 |
| Patent Number: | 7894514 |
| Patent Number: | 6389186 |
| Patent Number: | 5721796 |
| Patent Number: | 6625133 |
| Patent Number: | 6611515 |

PATENT

| Property Type | Number |
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| Patent Number: | 5774606 |
| Patent Number: | 7359446 |
| Patent Number: | 6999425 |
| Patent Number: | 6925057 |
| Patent Number: | 7847364 |
| Patent Number: | 6748129 |
| Patent Number: | 6934431 |
| Patent Number: | 7645952 |
| Patent Number: | 7542448 |
| Patent Number: | 7558196 |
| Patent Number: | 6975611 |
| Patent Number: | 7746779 |
| Patent Number: | 6842441 |
| Patent Number: | 7596089 |
| Patent Number: | 7945165 |
| Patent Number: | 6633743 |
| Patent Number: | 7206509 |
| Patent Number: | 7764882 |
| Patent Number: | 6868519 |
| Patent Number: | 7366518 |

CORRESPONDENCE DATA

Fax Number:

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

Phone: 908-582-7109

Email: narpatent@alcatel-lucent.com

Correspondent Name: DOCKET ADMINISTRATOR

Address Line 1: 600-700 MOUNTAIN AVENUE

Address Line 2: ROOM 3B-212F

Address Line 4: MURRAY HILL, NEW JERSEY 07974-0636

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| ATTORNEY DOCKET NUMBER: | LGS-1_ALUUSAINC (MTP) |
| NAME OF SUBMITTER: | GREGORY J. MURGIA |
| SIGNATURE: | /Gregory J. Murgia/ |
| DATE SIGNED: | 04/01/2014 |

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 March [X], 2014 ("Effective Date") by Credit Suisse AG, as collateral agent for the Secured Parties (in such capacity, including any successor thereto in such capacity, the "Collateral Agent"), in favor of Alcatel-Lucent USA Inc. ("Grantor"). Capitalized terms used but not defined herein shall have the respective meanings given thereto in the Security Agreement (as defined below).

WHEREAS, Grantor entered into a Pledge and Security Agreement dated as of January 30, 2013 (as it may be amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement"), among Grantor and each of the other grantors from time to time party thereto and the Collateral Agent;

WHEREAS, Grantor executed and delivered to the Collateral Agent that certain U.S. Patent Security Agreement, dated as of January 30, 2013 (the "U.S. Patent Security Agreement"), for recordation with the United States Patent and Trademark Office ("USPTO");

WHEREAS, pursuant to the terms and conditions of the Security Agreement and the U.S. Patent Security Agreement, Grantor has granted to the Collateral Agent, for the benefit of the Secured Parties, a security interest in and continuing lien on, among other things, (a) all of Grantor's right, title and interest in, to and under the United States patents listed on Schedule A attached hereto, (b) all reissues, divisionals, continuations, continuations-in-part, extensions, renewals, and reexaminations thereof, (c) the right to sue or otherwise recover for any past, present and future infringement or other violation thereof, (d) all Proceeds of the foregoing, including, without limitation, license fees, royalties, income, payments, claims, damages, and proceeds of suit now or hereafter due and/or payable with respect thereto, and (e) all other rights corresponding thereto under applicable law (collectively, the "Released Patent Collateral");

WHEREAS, the U.S. Patent Security Agreement was recorded in the USPTO on March 7, 2013 at reel/frame number 030510/0627;

WHEREAS, Grantor has (a) notified the Collateral Agent that a disposition of property or liquidation permitted under the Credit Agreement will be effectuated with respect to the Released Patent Collateral and (b) requested that the Collateral Agent execute and deliver this Release pursuant to Section 9.08 of the Credit Agreement.

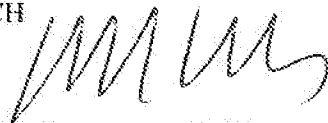
NOW, THEREFORE, in consideration of the foregoing, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Agent hereby irrevocably releases, relinquishes and discharges, with respect to Grantor, all of its continuing security interest in all Grantor's right, title or interest in, to and under the Released Patent Collateral, and re-assigns to Grantor any and all right, title or interest it may have in such Released Patent Collateral, all without warranty, representation or recourse of any kind.

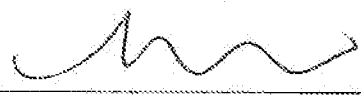
The Collateral Agent hereby authorizes Grantor, Grantor's authorized representatives or any subsequent owner or successor in interest to the Released Patent Collateral to: (a) record this Release with the USPTO and/or any other applicable governmental office or agency, and to record this release in any foreign patent offices (b) file, at the Grantor's sole cost and expense, UCC financing statement amendments in a form and substance reasonably satisfactory to the Collateral Agent with the applicable filing offices in order to memorialize the release of the security interest of the Collateral Agent in the Released Patent Collateral.

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IN WITNESS WHEREOF, the Collateral Agent has caused this Release to be executed by its duly authorized representative as of the Effective Date.

CREDIT SUISSE AG, CAYMAN ISLANDS
BRANCH

By: 
Name: Robert Hetu
Title: Authorized Signatory

By: 
Name: Alex Verdone
Title: Authorized Signatory

Schedule A

| CASE REFERENCE | OWNER | GRANT NUMBER | APPL. NUMBER | ISSUE DATE | APPL. DATE | TITLE |
|-----------------------------|-------------------------|--------------|--------------|-------------|-------------|---|
| Vitebsky 41-45 (S)-US-CNT | Alcatel-Lucent USA Inc. | US8638662 | 13/179924 | 28-Jan-2014 | 11-Jul-2011 | Method Of Implementing Packet-Based Resource Allocation And Persistent Resource Allocation In A Wireless Communication System |
| Vitebsky 39-28 (S)-US-NP | Alcatel-Lucent USA Inc. | US7788566 | 11/334608 | 31-Aug-2010 | 18-Jan-2006 | System And Method For Dynamically Adjusting Hybrid ARQ Transmissions |
| 805865-US-NP | Alcatel-Lucent USA Inc. | | 12/945342 | | 12-Nov-2010 | Enhanced Free-Space Optical Communication In Fog Via Field Segmentation And Adaptive Equalization |
| 806802-US-NP | Alcatel-Lucent USA Inc. | US8610625 | 12/975485 | 17-Dec-2013 | 22-Dec-2010 | Method And Apparatus For Transmitting And Receiving Phase-Controlled Radio Frequency Signals |
| 806827-US-NP | Alcatel-Lucent USA Inc. | US8440299 | 12/712373 | 14-May-2013 | 25-Feb-2010 | Composite Dielectric Material For High-Energy-Density Capacitors |
| Vitebsky 33-20 (S)-US-NP | Alcatel-Lucent USA Inc. | US7433703 | 11/153924 | 07-Oct-2008 | 16-Jun-2005 | Method For Allocating Resources In A Wireless Communication System |
| Vitebsky 26 (S)-US-NP | Alcatel-Lucent USA Inc. | US7072661 | 10/161182 | 04-Jul-2006 | 3-Jun-2002 | Wireless Communications System and Related Methods for Allocating Data Transmission |
| Stott 2 (DT)-US-NP | Alcatel-Lucent USA Inc. | US7639668 | 11/141516 | 29-Dec-2009 | 31-May-2005 | Method For Securing RTS Communications Across Middleboxes |
| Pidwerbetsky 7-14 (A)-US-NP | Alcatel-Lucent USA Inc. | US7009565 | 10/903993 | 07-Mar-2006 | 30-Jul-2004 | Miniaturized Antennas Based On Negative Permittivity Materials |
| Pidwerbetsky 2-14 (A)-US-NP | Alcatel-Lucent USA Inc. | US6046683 | 08/777643 | 04-Apr-2000 | 31-Dec-1996 | Modulated Backscatter Location System |
| Pidwerbetsky 1-8 (A)-US-NP | Alcatel-Lucent USA Inc. | US6084530 | 08/777771 | 04-Jul-2000 | 31-Dec-1996 | Modulated Backscatter Sensor System |
| 809772-US-DIV | Alcatel-Lucent USA Inc. | | 13/105460 | | 11-May-2011 | Electroless Plating Production Of Nickel And Cobalt Structures |

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|---------------------------------|-------------------------|-----------|-----------|-------------|-------------|---|
| Nykolak 17 (G)-US-NP | Alcatel-Lucent USA Inc. | US8412050 | 12/289258 | 02-Apr-2013 | 23-Oct-2008 | Coaxial Free Space Optical Telescope And Systems Using The Same |
| 807123-US-NP | Alcatel-Lucent USA Inc. | | 12/985564 | | 6-Jan-2011 | Frequency Dependent I/Q Imbalance Compensation |
| 807729-US-NP | Alcatel-Lucent USA Inc. | | 12/984020 | | 4-Jan-2011 | Tracking And Alerting Populations Using Wireless, Wireline And Internet Mechanisms |
| Nykolak 11-84-3 (G)-US-NP | Alcatel-Lucent USA Inc. | US6348684 | 09/276168 | 19-Feb-2002 | 25-Mar-1999 | Receiving System For Free-Space Optical Communications |
| Nossen 1-2-18 (M)-US-NP | Alcatel-Lucent USA Inc. | US8363690 | 10/229850 | 29-Jan-2013 | 28-Aug-2002 | Codeword Synthesizing System And A Correlation System, Methods Of Operation Thereof And A Spread Spectrum Communications Transceiver Employing The Same |
| Merboth 3-15-34-8-21 (LJ)-US-NP | Alcatel-Lucent USA Inc. | US7715861 | 11/230153 | 11-May-2010 | 19-Sep-2005 | Method And Apparatus For Reducing Packet Assistant Channel Power Usage |
| Maliakal 8 (AJ)-US-NP | Alcatel-Lucent USA Inc. | US7928638 | 12/165626 | 19-Apr-2011 | 30-Jun-2008 | Electromechanical Actuators |
| 810097-US-DIV | Alcatel-Lucent USA Inc. | | 13/191689 | | 27-Jul-2011 | Nanoparticle Dispersions With Low Aggregation Levels |
| Maliakal 2 (AJ)-US-NP | Alcatel-Lucent USA Inc. | US7369396 | 11/176722 | 06-May-2008 | 7-Jul-2005 | Composite Electroactive Material For Electromechanical Actuators |
| Mailaender 16 (LE)-US-NP | Alcatel-Lucent USA Inc. | US7667648 | 11/761513 | 23-Feb-2010 | 12-Jun-2007 | Facilitating Mobile Station Location Using A Ground-Based Cellular Network |
| Mailaender 13 (LE)-US-NP | Alcatel-Lucent USA Inc. | US7660340 | 10/872359 | 09-Feb-2010 | 22-Jun-2004 | A Method Of Receiver Processing Of CDMA Signals In A CDMA System |
| Mailaender 10-6-1 (LE)-US-NP | Alcatel-Lucent USA Inc. | US7200631 | 10/340575 | 03-Apr-2007 | 10-Jan-2003 | Method And Apparatus For Determining An Inverse Square Root Of A Given Positive-Definite Hermitian Matrix |
| 808025-US-NP | Alcatel-Lucent USA Inc. | US8611708 | 12/949091 | 17-Dec-2013 | 18-Nov-2010 | Optical Apparatus Having Improved Resistance To Thermal Damage |

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|---------------------------------------|-------------------------|-----------|-----------|-------------|-------------|--|
| LeGrange 9-60 (JD)-US-NP | Alcatel-Lucent USA Inc. | US5898715 | 08/871081 | 27-Apr-1999 | 9-Jun-1997 | Optical Communication System Comprising A Cladding Pumped Fiber Laser |
| 809724-US-NP | Alcatel-Lucent USA Inc. | | 13/195244 | | 1-Aug-2011 | Low-Aspect Antenna Having A Vertical Electric Dipole Field Pattern |
| 810328-US-NP | Alcatel-Lucent USA Inc. | | 13/278344 | | 21-Oct-2011 | Method Of Making Graphene Layers, And Articles Made Thereby |
| 810723-US-NP | Alcatel-Lucent USA Inc. | | 13/708028 | | 7-Dec-2012 | Improved Gas Dispersion Disc Assembly |
| 811908-US-NP | Alcatel-Lucent USA Inc. | | 13/653630 | | 17-Oct-2012 | Method And Apparatus For Graphene-Based Chemical Detection |
| LeGrange 10-9-66 (JD)-US-NP | Alcatel-Lucent USA Inc. | US5966480 | 09/027630 | 12-Oct-1999 | 23-Feb-1998 | Article Comprising An Improved Cascaded Optical Fiber Raman Device |
| Kumar 8-27-2 (S)-US-NP | Alcatel-Lucent USA Inc. | US6418148 | 09/121149 | 09-Jul-2002 | 23-Jul-1998 | Burst-Level Resource Allocation In Cellular Systems |
| Kumar 13-37-25-8 (S)-US-NP | Alcatel-Lucent USA Inc. | US6507572 | 09/332274 | 14-Jan-2003 | 11-Jun-1999 | Primary Transfer For Simplex Mode Forward-Link High-Speed Packet Data Services In CDMA Systems |
| Kumar 11-36-24-6 (S)-US-NP | Alcatel-Lucent USA Inc. | US6757270 | 09/330582 | 29-Jun-2004 | 11-Jun-1999 | Low Back Haul Reactivation Delay For High-Speed Packet Data Services In CDMA Systems |
| Krupenkin 45-5-34-22 (TN)-US-CIP | Alcatel-Lucent USA Inc. | US7695550 | 11/460901 | 13-Apr-2010 | 28-Jul-2006 | Structured Membrane With Controllable Permeability |
| Kroupenkin 25-17-16 (TN)-US-NP | Alcatel-Lucent USA Inc. | US7323033 | 10/835639 | 29-Jan-2008 | 30-Apr-2004 | Nanostructured Surfaces Having Variable Permeability |
| 811311-US-DIV | Alcatel-Lucent USA Inc. | US8414833 | 13/361207 | 09-Apr-2013 | 30-Jan-2012 | Micro-Channel Chemical Concentrator Apparatus |
| Kolodner 16-28-25-18-18-20 (PR)-US-NP | Alcatel-Lucent USA Inc. | US7678495 | 11/047136 | 16-Mar-2010 | 31-Jan-2005 | Graphitic Nanostructured Battery |
| Kasper 1-17-26 (AL)-US-NP | Alcatel-Lucent USA Inc. | US7212695 | 10/634403 | 01-May-2007 | 5-Aug-2003 | Variable Optical Delay Line With A Large Continuous Tuning Range |
| Karnel 21-8-29-2 (RE)-US-NP | Alcatel-Lucent USA Inc. | US7583750 | 10/789086 | 01-Sep-2009 | 27-Feb-2004 | A METHOD OF DATA BURST TRANSMISSION |

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|--|-------------------------|-----------|-----------|-------------|-------------|--|
| Kamel 19-8-13-19 (RE)-US-NP | Alcatel-Lucent USA Inc. | US6662019 | 09/742613 | 09-Dec-2003 | 21-Dec-2000 | Power Control And Transmission Rate Parameters Of A Secondary Channel In A Wireless Communication System |
| Jaques 1-90 (JJ)-US-NP | Alcatel-Lucent USA Inc. | US6810407 | 09/616107 | 26-Oct-2004 | 14-Jul-2000 | Optical Boolean Logic Devices for data encryption |
| Adams 2-17-7-6-12 (LE)-US-NP | Alcatel-Lucent USA Inc. | US6081361 | 08/954575 | 27-Jun-2000 | 17-Oct-1997 | Sub-Carrier Multiplexing In Broadband Optical Networks |
| Jacobsen 1-16 (N)-US-NP | Alcatel-Lucent USA Inc. | US7966548 | 11/824408 | 21-Jun-2011 | 29-Jun-2007 | Method And System For Encoding Data Using Rate-Compatible Irregular LDPC Codes Based On Edge Growth And Parity Splitting |
| Huang 17-8-15-15 (HC)-US-NP | Alcatel-Lucent USA Inc. | US7359466 | 09/938453 | 15-Apr-2008 | 24-Aug-2001 | Signal Detection By A Receiver In A Multiple Antenna Time-Dispersive System |
| Holcomb 1-14-4-7 (DP)-US-NP | Alcatel-Lucent USA Inc. | US6456637 | 09/580094 | 24-Sep-2002 | 30-May-2000 | Waveguide Lasers And Optical Amplifiers Having Enhanced Thermal Stability |
| Gopalakrishnan 3-2-5-2-14-1-7-13 (N)-US-NP | Alcatel-Lucent USA Inc. | US6859446 | 09/658084 | 22-Feb-2005 | 11-Sep-2000 | Integrating Power-Controlled And Rate-Controlled Transmission On A Same Frequency Carrier |
| Gandhi 8-17-1-6-11-15-34 (AD)-US-NP | Alcatel-Lucent USA Inc. | US6618598 | 09/676179 | 09-Sep-2003 | 29-Sep-2000 | Forward Rate Determination Of High Data Rate Channels In CDMA Air Interface |
| Gandhi 7-16-10-14-33 (AD)-US-NP | Alcatel-Lucent USA Inc. | US7142867 | 09/663265 | 28-Nov-2006 | 15-Sep-2000 | Method Of Determining Transmission Rate From A Mobile Station To A Base Station In A Wireless Communication System |
| Gandhi 6-3-4-8-10 (AD)-US-NP | Alcatel-Lucent USA Inc. | US6829468 | 09/797708 | 07-Dec-2004 | 5-Mar-2001 | Reverse-Link Power Control Overshoot Considering Mobile Station Transmission Limitations |
| Gandhi 4-9-2-3-4-9 (AD)-US-NP | Alcatel-Lucent USA Inc. | US6944449 | 09/580648 | 13-Sep-2005 | 30-May-2000 | Method And System For Controlling Access Of A Subscriber Station To A Wireless System |

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|---------------------------------------|-------------------------|-----------|-----------|-------------|-------------|--|
| Gandhi 3-1-2-2-7 (AD)-US-NP | Alcatel-Lucent USA Inc. | US6968201 | 09/413036 | 22-Nov-2005 | 6-Oct-1999 | Method And Apparatus For Controlling Reverse Link Interference Rise And Power Control Instability In A Wireless System |
| Frahm 11-13-24 (RE)-US-NP | Alcatel-Lucent USA Inc. | US7692198 | 11/676329 | 06-Apr-2010 | 19-Feb-2007 | Wide-Bandgap Semiconductor Devices |
| Florkey 30-28-10 (C)-US-NP | Alcatel-Lucent USA Inc. | US7542768 | 11/277248 | 02-Jun-2009 | 23-Mar-2006 | Dynamic Ring Start Delay Based On Multiple Factors |
| Florkey 13-7-3 (C)-US-NP | Alcatel-Lucent USA Inc. | US7272398 | 10/719869 | 18-Sep-2007 | 21-Nov-2003 | Providing To Sender Of Message An Identifier Of Service Provider Associated With Recipient Of The Message |
| Dominique 31-14-4-17 (F)-US-NP | Alcatel-Lucent USA Inc. | US7894514 | 11/238847 | 22-Feb-2011 | 29-Sep-2005 | Receiver Techniques For Wireless Communication |
| DiGiovanni 48-12 (DJ)-US-NP | Alcatel-Lucent USA Inc. | US6389186 | 09/303383 | 14-May-2002 | 30-Apr-1999 | Optical Waveguide Lasers And Amplifiers With Pump Power Monitors |
| de Barros 2-3-1-5-8-18 (MR)-US-NP | Alcatel-Lucent USA Inc. | US5721796 | 08/668196 | 24-Feb-1998 | 21-Jun-1996 | Optical Fiber Cross Connect With Active Routing For Wavelength Multiplexing And Demultiplexing |
| Balachandran 10-15-33-4-5-2 (K)-US-NP | Alcatel-Lucent USA Inc. | US6625133 | 09/283312 | 23-Sep-2003 | 31-Mar-1999 | System And Method For Link And Media Access Control Layer Transaction Initiation Procedures |
| Balachandran 5-11-26-1-1-1 (K)-US-NP | Alcatel-Lucent USA Inc. | US6611515 | 09/286273 | 26-Aug-2003 | 5-Apr-1999 | System And Method For Link and Media Access Control In A Wireless Data Communication System |
| de Barros 1-2-4 (MR)-US-NP | Alcatel-Lucent USA Inc. | US5774606 | 08/649091 | 30-Jun-1998 | 17-May-1996 | Optical Fiber Transmission System With A Passive Optical Router |
| Cupo 23-12-1-5-33-2 (RL)-US-NP | Alcatel-Lucent USA Inc. | US7359446 | 10/639524 | 15-Apr-2008 | 13-Aug-2003 | Methods And Devices For Decoding Signals Containing Noise And Distortion |
| Cheng 19-14-17 (TS)-US-NP | Alcatel-Lucent USA Inc. | US6999425 | 09/732454 | 14-Feb-2006 | 7-Dec-2000 | Dynamic Reverse Link Rate Limit Algorithm For High Data Rate System |

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|---------------------------------------|-------------------------|-----------|-----------|-------------|-------------|---|
| Cheng 18-13-16 (TS)-US-NP | Alcatel-Lucent USA Inc. | US6925057 | 09/731213 | 02-Aug-2005 | 6-Dec-2000 | Method Of Scheduling A Quality Of Service Level In A High Data Rate System |
| Chen 8-6-5-8-4 (G)-US-NP | Alcatel-Lucent USA Inc. | US7847364 | 11/824667 | 07-Dec-2010 | 2-Jul-2007 | Flexible Photo-Detectors |
| Braun 2-16-2 (LM)-US-NP | Alcatel-Lucent USA Inc. | US6748129 | 10/081350 | 08-Jun-2004 | 22-Feb-2002 | Method And Apparatus For Monitoring Optical Power Level In Waveguiding Structures |
| Braun 1-18-15 (LM)-US-NP | Alcatel-Lucent USA Inc. | US6934431 | 09/773844 | 23-Aug-2005 | 1-Feb-2001 | Variable Optical Delay Lines And Methods For Making Same |
| Bolle 27-23 (CA)-US-NP | Alcatel-Lucent USA Inc. | US7645952 | 11/518693 | 12-Jan-2010 | 11-Sep-2006 | Mechanical Switch With Melting Bridge |
| Bi 45-35-21 (Q)-US-NP | Alcatel-Lucent USA Inc. | US7542448 | 11/241822 | 02-Jun-2009 | 30-Sep-2005 | Providing Handoff In A Spread Spectrum Wireless Communications System For High Rate Packet Data |
| Bi 25-4-25-3-4 (Q)-US-NP | Alcatel-Lucent USA Inc. | US7558196 | 10/117102 | 07-Jul-2009 | 8-Apr-2002 | Method And Apparatus For System Resource Management In A Communications System |
| Balachandran 9-45-14-31-3-4 (K)-US-NP | Alcatel-Lucent USA Inc. | US6975611 | 09/517907 | 13-Dec-2005 | 3-Mar-2000 | Method And Device For MAC Layer Feedback In A Packet Communication System |
| Bi 27-2-17-5-27 (Q)-US-CIP | Alcatel-Lucent USA Inc. | US7746779 | 10/300891 | 29-Jun-2010 | 21-Nov-2002 | Method and Apparatus for Scheduling Users to Allocate Data Transmissions in Communication Systems |
| Balogh 3-3-16-12-12 (DA)-US-NP | Alcatel-Lucent USA Inc. | US6842441 | 09/740124 | 11-Jan-2005 | 19-Dec-2000 | Data Transmission In A Wireless Communication System |
| Bi 24-1-15-3-23 (Q)-US-NP | Alcatel-Lucent USA Inc. | US7596089 | 10/160125 | 29-Sep-2009 | 4-Jun-2002 | Scheduler Method And Apparatus For Communication Systems |
| Bernasconi 12-20 (PA)-US-NP | Alcatel-Lucent USA Inc. | US7945165 | 11/941201 | 17-May-2011 | 16-Nov-2007 | Optical Signal Synchronizer |
| Berlinsky 1 (AM)-US-NP | Alcatel-Lucent USA Inc. | US6633743 | 08/777986 | 14-Oct-2003 | 24-Dec-1996 | Remote Wireless Communication Device |

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|-----------------------------|-------------------------|-----------|-----------|-------------|-------------|---|
| Beacken 7 (MJ)-US-NP | Alcatel-Lucent USA Inc. | US7206509 | 10/306934 | 17-Apr-2007 | 29-Nov-2002 | Method And Apparatus For Temporarily Shifting One Or More Packets Using Wavelength Selective Delays |
| Beacken 6 (MJ)-US-NP | Alcatel-Lucent USA Inc. | US7764882 | 10/306935 | 27-Jul-2010 | 29-Nov-2002 | Optical Packet Tray Router |
| Beacken 5-4-2-17 (MJ)-US-NP | Alcatel-Lucent USA Inc. | US6868519 | 09/839486 | 15-Mar-2005 | 23-Apr-2001 | Reducing Scintillation Effects For Optical Free-Space Transmission |
| Balogh 4-4-4-18 (DA)-US-NP | Alcatel-Lucent USA Inc. | US7366518 | 09/728043 | 29-Apr-2008 | 1-Dec-2000 | Supplemental Channel Sharing Algorithm |