506730556 06/23/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6777372

| SUBMISSION TYPE:      | NEW ASSIGNMENT |  |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |  |

#### **CONVEYING PARTY DATA**

| Name                                  | Execution Date |
|---------------------------------------|----------------|
| VERIZON CORPORATE RESOURCES GROUP LLC | 03/01/2009     |

## **RECEIVING PARTY DATA**

| Name:           | VERIZON PATENT AND LICENSING INC. |
|-----------------|-----------------------------------|
| Street Address: | ONE VERIZON WAY                   |
| City:           | BASKING RIDGE                     |
| State/Country:  | NEW JERSEY                        |
| Postal Code:    | 07920                             |

# **PROPERTY NUMBERS Total: 1**

| Property Type  | Number  |
|----------------|---------|
| Patent Number: | 8599869 |

## **CORRESPONDENCE DATA**

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Address Line 4: WASHINGTON, D.C. 20005

| ATTORNEY DOCKET NUMBER:                          | 20080369C1         |  |
|--|--------------------|--|
| NAME OF SUBMITTER:                               | JOSEPH R. PALMIERI |  |
| SIGNATURE: /Joseph R. Palmieri, Reg. No. 40,760/ |                    |  |
| DATE SIGNED:                                     | 06/23/2021         |  |

# **Total Attachments: 4**

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PATENT 506730556 REEL: 056639 FRAME: 0217

# **ASSIGNMENT**

This ASSIGNMENT is effective as of March 1, 2009 between Verizon Corporate Resources Group LLC, a limited liability company existing under the laws of Delaware and having an office located at One Verizon Way, Basking Ridge, New Jersey 07920 (hereinafter "ASSIGNOR"), and Verizon Patent and Licensing Inc., a corporation existing under the laws of Delaware and having an office located at One Verizon Way, Basking Ridge, New Jersey 07920 (hereinafter "ASSIGNEE").

WHEREAS, ASSIGNEE is desirous of acquiring ownership of the United States and/or foreign Letters Patent and Applications for Letters Patent identified in Schedule A, and the inventions disclosed therein (hereinafter, the "Patent Assets").

WHEREAS, ASSIGNOR is desirous of granting to ASSIGNEE its ownership of the aforesaid Patent Assets.

NOW, THEREFORE, in consideration of the premises and the mutual covenants set forth herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by ASSIGNOR and ASSIGNEE, and subject to any rights and licenses under the Patent Assets granted to third parties on or before the effective date hereof, ASSIGNOR does hereby assign unto ASSIGNEE (a) all worldwide right, title and interest of ASSIGNOR in and to the Patent Assets, any legal equivalents and counterparts thereof in all countries (subject, however, to applicable patent laws in such countries), the right to claim priority therefrom, and in and to all additional Letters Patent worldwide to be obtained from such Patent Assets and from any future applications, continuations, divisions, renewals, extensions, substitutes, reissues or reexaminations which claim priority therefrom, each and all to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the terms for which any such Letters Patent are granted, plus any extensions, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment not been made; and (b) all claims for past and future infringements of said Patent Assets, with the right to sue for and obtain all remedies for such infringements (including past and future damages and equitable relief) for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives.

ASSIGNOR authorizes and requests the United States Commissioner of Patents and Trademarks (or similar official) to issue any and all United States Letters Patent resulting from the Patent Assets or any divisions, reissues, continuations, renewals, extensions, substitutes or re-examinations thereof to ASSIGNEE as assignee of ASSIGNOR's interest therein.

Verizon Corporate Resources Group LLC

Ву:

Name: Title:

Rosalynn Christian Assistant Secretary

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PATENT REEL: 056639 FRAME: 0219

| VZ Docket | Cty | App. No.   | File Date     | ApplicationTitle   |
|-----------|-----|------------|---------------|--|
| 20080088  | US  | 12/327,374 | 03-Dec-2008   | ENHANCED INTERFACE FOR MOBILE PHONE  |
| 20080159  | US  | 12/334,003 | 12-Dec-2008   |  |
| 20080161  | US  | 12/334,102 | 12-Dec-2008   | - CONTRACTOR OF THE PROPERTY O |
|           |     |            |               | UTILIZATION OF MULTIPLE ACCESS POINTS TO   |
| 20080163  | US  | 12/344,837 | 29-Dec-2008   | SUPPORT MULTIPLE APPLICATIONS AND SERVICES   |
|           |     |            |               | METHODS, SYSTEMS AND COMPUTER PROGRAM  |
| 20080169  | US  | 12/269,217 | 12-Nov-2008   | PRODUCTS FOR A MOBILE DATA FEED DISTRIBUTOR  |
|           |     |            |               | TELEVISION BOOKMARKING WITH MULTIPLATFORM  |
| 20080181  | US  | 12/334,683 | 15-Dec-2008   | DISTRIBUTION   |
|           |     |            |               | NETWORK INTERFACE DEVICE MANAGEMENT USING  |
| 20080220  | US  | 12/347,678 | 31-Dec-2008   | MANAGEMENT TRANSPORT CHANNEL   |
| 00000044  | 1   |            |               | FAULT LOCATOR FOR LONG HAUL TRANSMISSION   |
| 20080244  | US  | 12/335,123 | 15-Dec-2008   |  |
| 20000260  | LIC | 40/004 700 | 04.11 0000    | CONGESTION CONTROL METHOD FOR SESSION  |
| 20080268  | US  | 12/264,763 | 04-Nov-2008   |  |
| 20080286  | US  | 12/269,237 | 12-Nov-2008   | Methods, Systems and Computer Program Products for a   |
| 20080298  | US  | 12/209,237 |               | - garage Bloth Bloth Button  |
| 20000290  | 103 | 12/330,103 | 18-Dec-2008   |  |
| 20080306  | US  | 12/346,007 | 30-Dec-2008   | MOBILITY MANAGEMENT USING ADDRESS POOLS IN   |
| 2000000   | 100 | 12/040,007 | 30-Dec-2006   | MOBILITY LABEL BASED MPLS NETWORKS   |
| 20080310  | US  | 12/276,476 | 24-Nov-2008   | MOBILE-ORIGINATED SMS OVER A WIRELESS IP NETWORK   |
| 20080315  | US  | 12/342,127 | 23-Dec-2008   | WEB PAGE RESPONSE MONITORING   |
|           | -   | 12/042,12/ | 23-Dec-2000   | SYSTEM AND METHOD FOR TESTING NETWORK  |
|           |     |            |               | ELEMENTS USING A TRAFFIC GENERATOR WITH  |
|           | 1   |            |               | INTEGRATED SIMPLE NETWORK MANAGEMENT   |
| 20080327  | US  | 12/365,426 | 04-Feb-2009   | PROTOCOL (SNMP) CAPABILITIES   |
|           |     |            |               | Enhanced Polarization Mode Dispersion of Optical   |
| 20080330  | US  | 12/268,481 | 11-Nov-2008   | Channels   |
|           |     |            |               | SELF-PROVISIONING, NOTIFICATION, RETRIEVAL,  |
| 20080345  | US  | 12/265,953 | 06-Nov-2008   | AND SUBMISSION OF VISUAL VOICE MAIL  |
| 20080348  | US  | 12/333,805 | 12-Dec-2008   | DUPLICATE MMS CONTENT CHECKING   |
| 20080351  | US  | 12/272,932 | 18-Nov-2008   | Secure Wireless Communications   |
|           |     |            |               | System and Method for Multi-layer Network Analysis and   |
| 20080352  | US  | 12/334,681 | 15-Dec-2008   | Design   |
| 20080358  | US  | 12/331,655 | 10-Dec-2008   | COMPACT OPTICAL SPLITTER MODULE  |
| 20080359  | US  | 12/331,783 | 10-Dec-2008   | COMPACT FIBER DISTRIBUTION HUB   |
|           |     |            |               | SYSTEM AND METHOD FOR ADAPTIVE REMOVAL OF  |
| 20080369  | US  | 12/335,079 | 15-Dec-2008   | DELAY JITTER EFFECT AND LOW END-TO-END DELAY   |
| 00000070  |     |            |               | COMMUNICATION SYSTEM HAVING MESSAGE  |
| 20080378  | US  | 12/347,122 | 31-Dec-2008   | ENCRYPTION   |
| 20000270  |     | 10/050 001 |               | SYSTEM AND METHOD FOR PREVENTING HEADER  |
| 20080379  | US  | 12/350,881 | 08-Jan-2009   | SPOOFING   |
| 20080420  | us  | 12/221 000 | 40 D = - 0000 | OPTICAL RECEIVER HAVING AN AUTOMATIC FIBER   |
| 20080429  |     | 12/331,826 | 10-Dec-2008   | OPTIC SIGNAL ADJUSTMENT CIRCUIT  |
| 20080436  | US  | 12/327,366 | 03-Dec-2008   | SECURE COMMUNICATION SESSION SETUP   |
| 20080437  | US  | 12/275,445 | 21-Nov-2008   | Managing Services Subscriptions in a Network   |
| 20080449  | US  | 10/224 256 | 10 Do - 2000  | VOICE-OVER-INTERNET-PROTOCOL DEVICE LOAD   |
| 20000443  | US  | 12/334,356 | 12-Dec-2008   | PROFILING  |

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PATENT REEL: 056639 FRAME: 0220

| 20080462 | US | 12/358,526 | 23-Jan-2009 | APPARATUSES, SYSTEMS, AND METHODS FOR REDUCING SPURIOUS EMISSIONS RESULTING FROM CARRIER LEAKAGE |
|----------|----|------------|-------------|--|
| 20080463 | US | 12/347,768 | 31-Dec-2008 | Methods, Systems, and Apparatus for Handling<br>Secure-Voice-Communication Sessions              |
| 20080475 | US | 12/345,806 |             | PROACTIVE HANDOVER POLICY  |

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**RECORDED: 06/23/2021**