PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| Tiejun J. Xia | 03/21/2007 |
| Glenn A. Wellbrock | 03/21/2007 |

RECEIVING PARTY DATA

| Name: | Verizon Services Organization Inc. |
|-----------------|------------------------------------|
| Street Address: | 600 Hidden Ridge |
| City: | Irving |
| State/Country: | TEXAS |
| Postal Code: | 75038 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11689805 |

CORRESPONDENCE DATA

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Address Line 4: Arlington, VIRGINIA 22201-2909

| ATTORNEY DOCKET NUMBER: 20090336 (043483/322948) |
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NAME OF SUBMITTER: Glen R. Drysdale, Reg. No. 56,342

Total Attachments: 2

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PATENT REEL: 019051 FRAME: 0594 H \$40.00

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RECORDATION FORM COVER SHEET PATENTS ONLY

| To the Director of the Patent and Trademark Office: Please record the attached documents or the new address(es) below. | Attorney Dkt. No.: 20060336 ow. | |
|--|--|--|
| Name of conveying party(ies)/Execution Date(s): | 2. Name and address of receiving party(ies): | |
| Tiejun J. Xia Glenn A. Wellbrock Execution Date(s): March 21, 2007 | Verizon Services Organization Inc. 600 Hidden Ridge Irving, TX 75038 | |
| Additional name(s) of conveying party(ies) attached? Yes ☐ No ☒ | | |
| 3. Nature of conveyance: | | |
| | | |
| Security Agreement Change of Name | Additional name(s) & address(es) attached? Yes \(\subseteq \text{No } \text{No } \equiv | |
| Government Interest Assignment | | |
| Executive Order 9424, Confirmatory License | | |
| Other | · | |
| 4. Patent Application No.(s) | Patent No.(s) | |
| ☐ This document is being filed together with a new application. Additional numbers attached? Yes ☐ No ☐ | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 | |
| Verizon Legal Department Patent Management Group 1515 Courthouse Road, Suite 500 Arlington, VA 22201-2909 Tel: (703) 351-3586 Fax: (703) 351-3665 | | |
| | 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account | |
| | 8. Deposit account number: 16-0605 | |
| DO NOT USE THIS SPACE | | |
| 9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. | | |
| Name of Person Signing: Glen R Drysdale Reg. No. 56,342 | March 22, 2007 Date | |
| Nog. 140. 30,342 | Total number of pages including cover sheet, attachments, and documents: 2 | |
| USPTO Fax Number for New Assignments (703) 306-5995 | Total number of pages including cover sheet, attachments, and documents. 2 | |

PATENT REEL: 019051 FRAME: 0595

Verizon Invention Assignment or Verizon Reference No.: 20060336 Page 1 of 1

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned:

have sold, assigned and transferred, and by the presents do hereby sell, assign, and transfer, to the Verizon legal
entity identified below ("Assignee") and its successors and assigns, the entire right, title and interest in and
to any and all improvements which are described in the application for United States Letters Patent entitled

ASSEMBLIES AND METHODS FOR DROP CABLE

| which has been executed by the undersigned concurrently herewith, and in which case I/we hereby authorize and request the Assignee, its successors, assigns and/or legal representatives, to insert here in the parentheses (Application Number, filed) the filing date and application number of said application when known. |
|---|
| which was filed on and assigned Application No |
| and in and to said application, and all divisional, continuing, substitute, renewal, reissue, provisional, and all other application for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements or based on said application; and in and to all original and reissued patents which have been or shall be issued in the United States and foreign countries from any of said applications, and in and to all rights of priority resulting from the filing of any of said applications; and in and to all rights which may exist under the International Convention for the Protection of Industrial Property to any of the foregoing; |
| II. agree that said Assignee may apply for and receive Letters Patent for improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent application on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors and assigns; and |
| III. covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein identified has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned. |
| IN WITNESS to my/our agreement to the foregoing, I/we have executed this Assignment as set forth below; |
| Verizon entity (Assignee): Verizon Services Organization Inc., having a place of business at 600 Hidden Ridge, Irving, Texas 75038. |
| ASSIGNOR: Signature: Tiejun J Xia |
| Signature: Date: 3/21/07 Glenn A. Wellbrock |

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RECORDED: 03/22/2007

PATENT REEL: 019051 FRAME: 0596