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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Carl Marshall Eliot Powell	10/20/2006

RECEIVING PARTY DATA

Name:	Verizon Services Corp
Street Address:	1320 North Courthouse Road
City:	Arlington
State/Country:	VIRGINIA
Postal Code:	22201-2909

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11551453

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: VZ06015 (043483/310352)

NAME OF SUBMITTER: Glen R. Drysdale, Reg. No. 56,342

Total Attachments: 2

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PATENT REEL: 018418 FRAME: 0221

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) belo	Attorney Dkt. No.: VZ06015
Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies):
Carl Marshall Eliot Powell	Verizon Services Corp. 1320 North Courthouse Road Arlington, VA 22201
Execution Date(s): October 20, 2006	
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 \(\subseteq \) No \(\subseteq \)
Government Interest Assignment	
☐ Executive Order 9424, Confirmatory License	
Other	
4. Patent Application No.(s) 11/551,453	Patent No.(s)
This document is being filed together with a new ap	oplication. Additional numbers attached? Yes \(\subseteq \text{No } \subseteq \)
 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	
	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 US	SE THIS SPACE
9. Statement and signature: To the best of my knowledge and belief, the copy of the original document.	he foregoing information is true and correct and any attached copy is a true
Name of Person Signing: Glen R. Drysdale Reg. No. 56,342	October 20, 2006 Date
	Total number of pages including cover sheet, attachments, and documents: 2
USPTO Fax Number for New Assignments (703) 306-5995	

LEGAL02/30127396v1

Verizon Invention Assignment for Verizon Reference No.: VZ06015 Page 1 of 1

ASSIGNMENT

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

I. 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

METHOD, COMPUTER PROGRAM PRODUCT, AND DEVICE FOR NETWORK RECONNAISSANCE FLOW IDENTIFICATION

hereby authorize and request the Assignee, its successors, assigns and/or legal representatives, to insert here in the parentheses (Application Number $\frac{11}{551}$, $\frac{453}{453}$, filed $\frac{10}{20}$, filed $\frac{10}{2006}$) 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 Corp., having a place of business at 1320 North Courthouse Road, Arlington, VA 22201.
ASSIGNOR:
Signature Date: 20 01 40% Carl Marshall Eliot Powell

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RECORDED: 10/20/2006

PATENT REEL: 018418 FRAME: 0223