

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Federal Network Systems LLC	08/01/2009
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: 4	
Property Type	Number
Application Number:	10137899
Application Number:	10211922
Application Number:	10963187
Application Number:	11692529
CORRESPONDENCE DATA	
Fax Number:	9087668264
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	joseph.r.palmieri@verizon.com
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Address Line 4:	Basking Ridge, NEW JERSEY 07920
NAME OF SUBMITTER:	Joseph R. Palmieri
Signature:	/Joseph R. Palmieri/
Date:	05/07/2013
Total Attachments: 3 source=Recordable Patent Assignment (FNS to VPLI)#page1.tif source=Recordable Patent Assignment (FNS to VPLI)#page2.tif source=Recordable Patent Assignment (FNS to VPLI)#page3.tif	

CH \$160.00 10137899

## ASSIGNMENT

This ASSIGNMENT is effective as of August 1, 2009 between Federal Network Systems LLC, a limited liability company existing under the laws of Delaware and having an office located at 22001 Loudoun County Parkway, Ashburn, Virginia 20147 (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, NJ 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, as well as any legal equivalents and counterparts thereof in all countries or jurisdictions worldwide (whether listed on Schedule A or not), and the inventions disclosed therein (all hereinafter referred to as 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 (subject, however, to applicable patent laws in the respective countries or jurisdictions issuing such Patent Assets), 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 re-examinations 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. ASSIGNOR further appoints ASSIGNEE as ASSIGNOR's attorney-in-fact (such appointment being irrevocable and coupled with the interest in the Patent Assets), with full authority in the place and stead of ASSIGNOR and in the name of ASSIGNOR from time to time to take any action and to execute any document which ASSIGNEE may deem reasonably necessary or advisable to accomplish the purposes of this ASSIGNMENT, including the execution and filing of confirmatory assignments, powers of attorney, declarations of transfer, or other documents relative to any of the Patent Assets in the name of ASSIGNOR where permitted by law.

**Federal Network Systems LLC**



Name: JOSEPH PALMIERI

Title: ASSISTANT SECRETARY

**SCHEDULE A**

VZ Docket	Country	Appl. Number	File Date	Pat. Number	Application Title
01-4085	US	10137899	5/2/2002		A STRING DETECTION SYSTEM AND METHOD OF DETECTING A STRING
02-4057	US	10211922	8/2/2002	7383582	Systems and methods for performing electronic surveillance
03-4064	US	10963187	10/12/2004	7211994	Lightning and electro-magnetic pulse location and detection for the discovery of land line location
05-4002	US	11692529	3/28/2007	8068594	COMMUNICATION CENTER METHODS AND APPARATUS