

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Verizon North, Inc.	07/01/2010

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: 10

Property Type	Number
Patent Number:	4558188
Patent Number:	4868848
Application Number:	11475246
Application Number:	12117048
Application Number:	12135349
Application Number:	12650264
Application Number:	12628793
Application Number:	29333051
Application Number:	12506920
Application Number:	12506789

CORRESPONDENCE DATA

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PATENT
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ATTORNEY DOCKET NUMBER:	VPLI
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NAME OF SUBMITTER:	Joseph R. Palmieri
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<p>Total Attachments: 3 source=Assignment Verizon North to VPLI 07-01-2010#page1.tif source=Assignment Verizon North to VPLI 07-01-2010#page2.tif source=Assignment Verizon North to VPLI 07-01-2010#page3.tif</p>

ASSIGNMENT

This ASSIGNMENT is effective as of July 1, 2010 (the "Effective Date"), between Verizon North Inc., a corporation existing under the laws of the state of Wisconsin and having an office located at 8001 West Jefferson Boulevard, Fort Wayne, Indiana 46804 (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 all United States and/or foreign Letters Patent and Applications for Letters Patent in which ASSIGNOR owns any interest as of the Effective Date (and the inventions disclosed therein), including (but not limited to) any 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), all hereinafter referred to as the "Patent Assets".

WHEREAS, ASSIGNOR is desirous of granting to ASSIGNEE its ownership of any and all 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, 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 (in full or in part), divisions, renewals, extensions, substitutes, reissues or re-examinations which claim the benefit or 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 North Inc.

By: Rosalynn Christian

Name: Rosalynn Christian

Title: Assistant Secretary

SCHEDULE A

VZ Docket	Country	Appl. Number	File Date	Pat. Number	Title
83-4-027	US	06/563,738	12/21/1983	4,558,188	Arrangement for line jumper testing
87-3-301	US	07/135,800	12/21/1987	4,868,848	Computer operated system for dialing telephone numbers
05-5001	US	11/475,246	6/27/2006	N/A	Plug and play fiber distribution hub
20080067	US	12/117,048	5/8/2008	N/A	Shrink Wrap Technique Enclosing Multiple Polygons
20080069	US	12/135,349	6/9/2008	N/A	Technique for Shifting Network Points or Linear Facilities in a Network Plan
20090310	US	12/650,264	12/30/2009	N/A	DEPLOYMENT AND COMPLIANCE MANAGER
20090416	US	12/628,793	12/1/2009	N/A	Bend Radius Manager/Support Mechanism
20090027	US	29/333,051	3/2/2009	N/A	Optical Network Terminal Mechanisms
20090110	US	12/506,920	7/21/2009	N/A	VEHICLE COMPUTER LINK TO MOBILE PHONE
20090176	US	12/506,789	7/21/2009	N/A	Geographically Specific Emergency Notification