

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5455934

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STRAIGHT PATH COMMUNICATIONS INC.	04/03/2019
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: 5	
Property Type	Number
Application Number:	15291616
Application Number:	15683452
Application Number:	62377941
Application Number:	15908128
Application Number:	16295164
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	STRAIGHT-PATH-ASSIGNMENT
NAME OF SUBMITTER:	JOSEPH R. PALMIERI
SIGNATURE:	/Joseph R. Palmieri, Reg. No. 40,760/
DATE SIGNED:	04/03/2019
Total Attachments: 3	

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ASSIGNMENT

This ASSIGNMENT is effective as of April 3, 2019 between Straight Path Communications Inc., a Delaware Corporation 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").

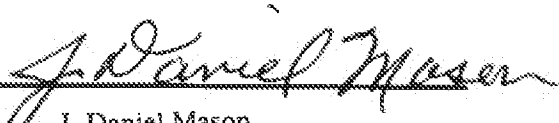
WHEREAS, ASSIGNEE is desirous of acquiring ownership of the United States and/or foreign Letters Patent and Applications for Letters Patent identified in Schedule A, as well as any legal equivalents and counterparts thereof in all countries or jurisdictions worldwide (whether listed on Schedule A or 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.

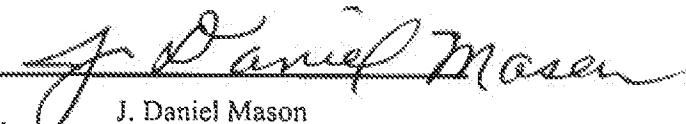
NOW, THEREFORE, in consideration of the premises and the mutual covenants set forth herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by ASSIGNOR and ASSIGNEE, and subject to any rights and licenses under the Patent Assets granted to third 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.

**STRAIGHT PATH COMMUNICATIONS
INC.**


Name: J. Daniel Mason
Title: Assistant Secretary

**VERIZON PATENT AND LICENSING
INC.**


Name: J. Daniel Mason
Title: Assistant Secretary

SCHEDULE A

VZ Docket	Country	Appl. Number	File Date	Pat. Number	Application Title
20161026	US	15291616	10/12/2016	9866263	APPARATUS AND METHODS FOR SIGNAL SENSING-BASED RF UNIT CONTROL
20161027	US	15683452	8/22/2017		METHODS AND APPARATUS FOR FIXED BROADBAND COMMUNICATION AND BACKHAUL ACCESS WITH LARGE NUMBER OF ANTENNAS
20161027PR1	US	62377941	8/22/2016		METHODS AND APPARATUS FOR FIXED BROADBAND COMMUNICATION AND BACKHAUL ACCESS WITH LARGE NUMBER OF ANTENNAS
20161027C1	US	15908128	2/28/2018		METHODS AND APPARATUS FOR FIXED BROADBAND COMMUNICATION AND BACKHAUL ACCESS WITH LARGE NUMBER OF ANTENNAS
20161027C2	US	16295164	3/7/2019		METHODS AND APPARATUS FOR FIXED BROADBAND COMMUNICATION AND BACKHAUL ACCESS WITH LARGE NUMBER OF ANTENNAS