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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4548251

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SURYANARAYANAN RAMAMURTHY	08/10/2017

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: 1

Property Type	Number
Application Number:	15675860

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	20170289	
NAME OF SUBMITTER:	THOMAS W. EDMAN	
SIGNATURE:	/Thomas W. Edman, Reg. No. 51,643/	
DATE SIGNED:	IGNED: 08/14/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 1

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PATENT REEL: 043539 FRAME: 0705 504501547

VZ Docket No.: 20170289

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Patent Application Talle: SIGNAL POWER PATTERN-BASED LOCATION DETECTION AND CELL PLACEMENT

the patent application for whi	ah:	
S is being filed concurrently	herewith, Application Number to be assigne as United States Application Number	of by the USPTO, or or PCT International Application
Number	me received of the same of the same immunity	

Declaration of Inventor

As the below named inventor, I hereby declare that:

- the above-identified application was made or authorized to be made by me;
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-referenced application; and
- Thereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine
 or imprisonment of not more than five (S) years, or both.

Inventor Assignment Acknowledgement

For good and valuable consideration, the receipt of which is hereby acknowledged, (agree as follows:

- A. I hereby assign to the Verizon legal entity identified below ("Assignee"), including its successors and assigns, my entire worldwide right, title and interest in and to any and all inventions and other ideas described in the above-identified patent application, as well as in and to said application and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional or other applications or registrations for Letters Patent which have been or shall be find application; and in and to all original and reissued Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications or registrations; and in and to all rights of priority resulting from the filing of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as used herein shall include, without limitation, patents, utility models, industrial designs, and any other form of industrial property recognized under the Paris Convention for the Protection of Industrial Property.
- B. I agree (i) that Assignee may apply for and receive Letters Patent based on the Patent Rights in its own name; (ii) that I will execute all rightful caths, declarations, assignments, powers of attorney and other papers related to the Patent Rights when requested by Assignee (or its successors and/or assigns) without compensation (but at Assignee's expense).; (iii) that I appoint Assignee (acting through its representatives) as my attorney-in-fact, such appointment being irrevocable and coupled with the interest in the Patent Rights, with full authority in my place and stead and in my name 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 the papers identified in part (ii) in my name where permitted by law, (iv) to communicate to Assignee, its successors, assigns, representatives and agents, all facts known to me relating to said Patent Rights and the history thereof, and (v) to generally de everything which Assignee, its successors, assigns, representatives or agents shall consider desirable for aiding in securing and maintaining proper protection for said Patent Rights and Patent Rights in Assignee, its successors and assigns.
- C. I covenant with Assignce, its successors and assigns, that no assignment, grant, mortgage, license, or other agreement affecting the Patent Rights has been made to others by me, and that full right to convey the same as set forth herein is possessed by me.

ASSIGNEE: Verizon Patent and Licensing Inc., a Delaware Corporation with a place of business at One Verizon Way, Basking Ridge, NI 07920 US

IN WITNESS to my agreement to the foregoing Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed as set forth below:

Full legal name of inventor: Suryanarayanan Ramanusthy

RECORDED: 08/14/2017

Address: Plot No. 27, Nisarga Nandana Layout, Bannerughutta, Anekal Taluk, Bengaluru, Karnataka - 560083 India

Signature Oyy 5 Date: 10th Agreed 2017

PATENT REEL: 043539 FRAME: 0706

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