

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lily F. Chen</td> <td>07/09/2013</td> </tr> <tr> <td>Joseph G. Fragale</td> <td>07/09/2013</td> </tr> <tr> <td>Dwight W. Fronsdaahl</td> <td>07/09/2013</td> </tr> <tr> <td>Michael P. Ruffini</td> <td>07/09/2013</td> </tr> <tr> <td>Sankar Subramanian</td> <td>07/10/2013</td> </tr> <tr> <td>Dale E. Veeneman</td> <td>07/09/2013</td> </tr> <tr> <td>Dongchen Wang</td> <td>07/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	Lily F. Chen	07/09/2013	Joseph G. Fragale	07/09/2013	Dwight W. Fronsdaahl	07/09/2013	Michael P. Ruffini	07/09/2013	Sankar Subramanian	07/10/2013	Dale E. Veeneman	07/09/2013	Dongchen Wang	07/09/2013
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RECEIVING PARTY DATA																	
Name:	Verizon Patent and Licensing Inc.																
Street Address:	One Verizon Way																
City:	Basking Ridge																
State/Country:	VIRGINIA																
Postal Code:	07920																
PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13939554</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13939554												
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CORRESPONDENCE DATA																	
Fax Number:	7034392658																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	5712970007																
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Correspondent Name:	Snyder, Clark, Lesch & Chung																
Address Line 1:	950 Herndon Parkway, Suite 365																
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ATTORNEY DOCKET NUMBER:	20130470																

OP \$40.00 13939554

NAME OF SUBMITTER:	Thomas W. Edman
Signature:	/Thomas W. Edman, Reg. No. 51,643/
Date:	07/11/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 14

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Docket No.: 20130470

DECLARATION AND ASSIGNMENT FOR UTILITY PATENT APPLICATION

Patent Application Title: **BACK-UP PATH FOR IN-HOME DIAGNOSTICS AND OTHER COMMUNICATIONS**

the patent application for which:

is being filed concurrently herewith, Application Number to be assigned by the USPTO, or
 was filed on _____ as United States Application Number _____ or PCT International
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Declaration of Inventor

As a below named inventor, I hereby declare that:

- A. I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought by the above-identified patent application;
- B. The above-identified application was made or authorized to be made by me; and
- C. I hereby acknowledge that any willful false statements made in this declaration are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001.

Inventor Assignment Acknowledgement

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

- A. I have sold, assigned and transferred (directly or indirectly), and by this agreement do hereby sell, assign, and transfer, to the Verizon legal entity identified below ("Assignee") and its successors and assigns, my entire worldwide right, title and interest in and to any and all ideas, inventions, methods and improvements which are described in the above-identified patent application, and in and to said application, and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional, and all other applications or registrations for Letters Patent which have been or shall be filed in the United States and all foreign countries based on any of said ideas, inventions, methods and improvements, or based on or claiming priority to said 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.
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C. I covenant with Assignee, 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, NJ 07920 US

IN WITNESS to my agreement to the foregoing, I have executed as set forth below:

Full legal name of Inventor: Lily F. Chen

Mailing Address: 2440A Second Street, Fort Lee, NJ 07024

Signature: Lily F. Chen Date: 7/9/13 ---

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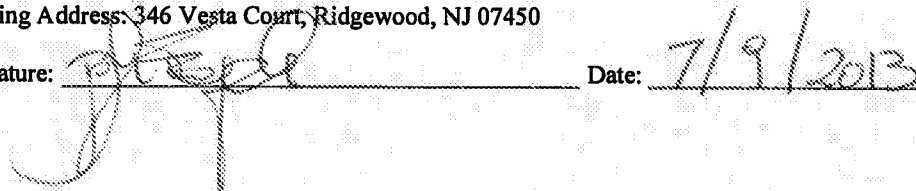
IN WITNESS to my agreement to the foregoing, I have executed as set forth below:

Full legal name of Inventor: Joseph G. Fragale

Mailing Address: 346 Vesta Court, Ridgewood, NJ 07450

Signature: _____

Date: _____

Handwritten signature of Joseph G. Fragale and date 7/9/2013.

Docket No.: 20130470

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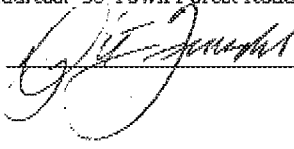
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IN WITNESS to my agreement to the foregoing, I have executed as set forth below:

Full legal name of Inventor: Dwight W. Fronsdaht

Mailing Address: 35 Town Forest Road, Groton, MA 01450

Signature:  Date: 7/9/13

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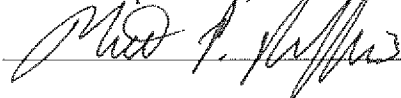
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IN WITNESS to my agreement to the foregoing, I have executed as set forth below:

Full legal name of Inventor: Michael P. Ruffini

Mailing Address: 4 Sampson Street, Methuen, MA 01844

Signature:  Date: 7-9-2013

**DECLARATION AND ASSIGNMENT
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Patent Application Title: **BACK-UP PATH FOR IN-HOME DIAGNOSTICS AND OTHER COMMUNICATIONS**

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IN WITNESS to my agreement to the foregoing, I have executed as set forth below:

Full legal name of Inventor: Sankar Subramanian

Mailing Address: 3 Mancuso Drive, Ossining, NY 10562

Signature: 

Date: July 10, 2013

Docket No.: 20130470

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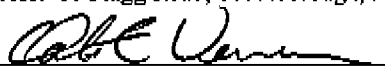
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Mailing Address: 10 Flagg Road, Southborough, MA 01772

Signature:  Date: 7/9/13

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Mailing Address: 206 Elsinore Street, Concord, MA 01742

Signature: Wang Dongchen Date: 7/9/2013