

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Paul T. SCHULTZ</td> <td>05/31/2013</td> </tr> <tr> <td>Robert A. SARTINI</td> <td>05/31/2013</td> </tr> </tbody> </table>		Name	Execution Date	Paul T. SCHULTZ	05/31/2013	Robert A. SARTINI	05/31/2013
Name	Execution Date						
Paul T. SCHULTZ	05/31/2013						
Robert A. SARTINI	05/31/2013						
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							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13907389</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13907389		
Property Type	Number						
Application Number:	13907389						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	20130147						
NAME OF SUBMITTER:	PHOUPHANOMKETH DITTHAVONG						
Signature:	/PHOUPHANOMKETH DITTHAVONG/						
Date:	05/31/2013						

OP \$40.00 13907389

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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**DECLARATION AND ASSIGNMENT
FOR UTILITY PATENT APPLICATION**

Patent Application Title: METHOD AND SYSTEM FOR MULTI-FACTOR BIOMETRIC
AUTHENTICATION BASED ON DIFFERENT DEVICE CAPTURE MODALITIES

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
Application Number _____.

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.
- B. I agree (i) that Assignee may apply for and receive Letters Patent based on the Patent Rights in its own name; (ii) that, when requested, without charge to, but at the expense of, said Assignee, its successors and/or assigns, to carry out in good faith the intent and purpose of this agreement, I will execute all divisional, continuing (in whole or in part), substitute, renewal, reissue, and all other applications or registrations included within the Patent Rights; (iii) to execute all rightful oaths, declarations, assignments, powers of attorney and other papers related to the Patent Rights; (iv) to communicate to said Assignee, its successors, assigns, representatives and agents, all facts known to the undersigned relating to said Patent Rights and the history thereof; and (v) to generally do 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 for vesting title to said Patent Rights in Assignee, its successors and assigns.

- 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: Paul T. SCHULTZ

Mailing Address: 6070 Hardwick Drive, Colorado Springs, CO 80906, USA

Signature:  Date: 5/31/13

VZ Docket No.: 20130147

**DECLARATION AND ASSIGNMENT
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- 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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IN WITNESS to my agreement to the foregoing, I have executed as set forth below:

Full legal name of Inventor: Robert A. SARTINI

Mailing Address: 8902 Charity Drive, Colorado Springs, CO 80920, USA

Signature: *Robert A. Sartin* Date: 5-31-2013