503755974 03/28/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

.1 EPAS ID: PAT3802620

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QUENTIN N. ROBINSON	03/18/2016
SHAMIK BASU	03/25/2016
LAYTON R. DIAMENT	03/18/2016
DESIRAE DOLPHIN	03/22/2016

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:	15082221

CORRESPONDENCE DATA

Fax Number: (571)432-0808

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 5714320800

Email: aboice@harrityllp.com

Correspondent Name: HARRITY & HARRITY, LLP

Address Line 1: 11350 RANDOM HILLS ROAD

Address Line 2: SUITE 600

Address Line 4: FAIRFAX, VIRGINIA 22030

ATTORNEY DOCKET NUMBER:	20151340	
NAME OF SUBMITTER:	NEIL R. KARDOS	
SIGNATURE:	/Neil R. Kardos, Reg. No. 67,238/	
DATE SIGNED:	03/28/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

PATENT REEL: 038111 FRAME: 0922

503755974

source=20151340_Declaration_Assignment#page1.tif
source=20151340_Declaration_Assignment#page2.tif
source=20151340_Declaration_Assignment#page3.tif
source=20151340_Declaration_Assignment#page4.tif

PATENT REEL: 038111 FRAME: 0923

VZ Docket No.: 20151340

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Finem Application time: ENABLING PERIMETER-BASED USER INTERACTIONS WITH A USER DEVICE
the patent application for which: Solution Solution
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
 I hereby 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 (5) years, or both.
Inventor Assignment Acknowledgement
For good and valuable consideration, the receipt of which is hereby acknowledged, I 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 filed in the United States and all foreign countries based on any of said inventions or ideas, 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. Lagree (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 oaths, 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 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 Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed as set forth below:
Full legal name of Inventor: Quentin N. ROBINSON
Address: 58 Edge Lane Willingboro, New Jersey 08046 US
Signatupe:

PATENT REEL: 038111 FRAME: 0924

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Patent Application Title: <u>ENABLING PERIMETER-BASE</u>	DUSER INTERACTIONS WITH A USER DEVICE
the patent application for which: is being filed concurrently herewith, Application Number was filed on as United States Application? Number	r to be assigned by the USPTO, or sumber or PCT International Application
Declaration s	<u>f Inventer</u>
As the below named inventor, I hereby declare that:	and the me
 the above identified application was made or sufficient to. I believe that I am the original inventor or an original joint to application; and 	aventur of a claimed invention in the above-referenced
Thereby acknowledge that any willful false statement made or impresonment of not more than five (5) years, or both. Inventor Assignment	in this declaration is punishable under 18 U.S.C. § 1001 by fine Acknowledgement
For good and valuable consideration, the receipt of which is hereby a	
A. Thereby assign to the Verizon legal entity identified below (*Assingly, title and interest in and to any and all inventions and other idea and to said application and all divisional, continuing (in whole of in or registrations for Letters Patent which have been or shall be filled inventions or ideas, or based on or claiming priority to said applications or shall be issued in the United States and foreign countries from	s described in the above-identified patent application, as well as part), substitute, renewal, resisted provisional or other applications in the United States and all foreign countries based on any of said in, and in and to all original and reissued Letters Patent which have an any of said applications or registrations, and in and to all rights
of priority resulting from the filing of any of said applications or re used hereig shall include, without limitation, patents, utility mode recognized under the Paris Convention for the Protection of Industria	is, industrial designs, and any other form of industrial property al Property
B. I agree (i) that Assignee may apply for and receive Letters Paters all rightful paths, declarations, assignments, powers of attorney and o (or its specessors and/or assigns) without compensation (but at Assignsentatives) as my attorney-in-fact, such appointment being irrev	ther papers related to the Patent Rights when requested by Assigned ignee's expense); (iii) that I appoint Assigned (acting through its ocable and coupled with the interest in the Patent Rights, with full
authority in my place and sead and in my name to take any action at necessary or advisable to accomplish the purposes of this assignment (ii) in my name where permitted by law (iv) to communicate to Asknown to me relating to said Patent Rights and the history thereof, assigns, representatives or agents shall consider describle for author and for vesting title to said Patent Rights in Assignee, its successors	i, including the execution and filing of the papers identified in part signer, its successors, assigns, representatives and agents, all facts and (v) to generally do everything which Assigned its successors is occurring and maintaining proper projection for said Paters Rights
C=1 coverage with Assignee, its successors and assigns, that no assigned Rights has been made to others by me, and that full right to o	ignment, grant mongage, license, or other agreement afficieng the invey the same as set forth berein is possessed by me
ASSIGNEE: Verizim Patent and Licensing Inc., a Delaw Way, Basking Ridge, NJ 07920 US	are Corporation with a place of business at One Verizon
IN WITNESS to my agreement to the foregoing Declaration of Inveases set forth below: Full legal name of Inventor: Shamik HASU	intor and Inventor Assignment Acknowledgement, I have executes
Address 50 Westproid Avenue Lake Univerba, NJ 07034 US	
Signature: Date:	- 1/4/4

PATENT REEL: 038111 FRAME: 0925

VZ Docket No.: 20151340

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Patent Application Title: ENABLING PERIMETER-BASED USER INTERACTIONS WITH A USER DEVICE 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 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 I hereby 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 (5) years, or both. **Inventor Assignment Acknowledgement** For good and valuable consideration, the receipt of which is hereby acknowledged, I 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 filed in the United States and all foreign countries based on any of said inventions or ideas, 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 I will execute all rightful oaths, 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 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 Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed as set forth below: Full legal name of Inventor: Layton R. DIAMENT Address: 1080 Eddy Street, Apt 101, San Francisco, CA 94109 US

> PATENT REEL: 038111 FRAME: 0926

1

3/18/2016

Date:

Signature:

VZ Docket No.: 20151340

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

FOR PATENT APPLICATION
Patent Application Title: ENABLING PERIMETER-BASED USER INTERACTIONS WITH A USER DEVICE
Patent Application Title: ENABLING PERIMETER-BASIAN GISLAND
the patent application for which: It is being filed concurrently herewith, Application Number to be assigned by the USPTO, or It is being filed concurrently herewith, Application Number or PCT International Application It is being filed on as United States Application Number or PCT International Application It is being filed concurrently herewith Application Number or PCT International Application It is being filed concurrently herewith Application Number or PCT International Application It is being filed concurrently herewith, Application Number or PCT International Application It is being filed concurrently herewith, Application Number or PCT International Application It is being filed concurrently herewith, Application Number or PCT International Application It is being filed concurrently herewith, Application Number or PCT International Application It is being filed concurrently herewith, Application Number or PCT International Application It is being filed concurrently herewith It is provided by the USPTO, or PCT International Application It is provided by the USPTO, or PCT International Application It is provided by the USPTO, or PCT International Application It is provided by the USPTO, or PCT International Application It is provided by the USPTO, or PCT International Application It is provided by the USPTO, or PCT International Application It is provided by the USPTO, or PCT International Application It is provided by the USPTO, or PCT International Application It is provided by the USPTO, or PCT International Application It is provided by the USPTO, or PCT International Application It is provided by the USPTO, or PCT International Application It is provided by the USPTO, or PCT International Application It is provided by the USPTO, or PCT International Application It is provided by the USPTO, or PCT International Application It is provided by the USPTO, or PCT International Application It is
As the below named inventor, I hereby declare that:
• the above-identified application was made or authorized to be made by me; the above-identified application was made or authorized to be made by me; the above-identified application was made or authorized to be made by me;
 application; and J hereby acknowledge that any willful false statement made in this declaration is pullished. or imprisonment of not more than five (5) years, or both.
Inventor Assignment Acknowledgement
For good and valuable consideration, the receipt of which is hereby acknowledged, I agree as follows:
A. I hereby assign to the Verizon legal entity identified below ("Assignee"), including hatent application, as were as it right, title and interest in and to any and all inventions and other ideas described in the above-identified patent application, and to said application and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional or other applications and to said application and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional or other applications and to said applications for Letters Patent which have been or shall be filled in the United States and all foreign countries based on any of said applications or registrations; and in and to all original and reissued Letters Patent which have inventions or ideas, or based on or claiming priority to said application; and in and to all original and reissued Letters Patent which have inventions or registrations; and in and to all original and reissued Letters Patent as of priority resulting from the filling of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as of priority resulting from the filling of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as of priority resulting from the filling of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as of priority resulting from the filling of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as of priority resulting from the filling of any of said applications or registrations (all collectively, the "Patent Rights I when requested by Assignee (it) that I will execute the Patent Rights when requested by Assignee all rightful oaths, declarations, assignments, powers of attorney and other papers related to the Patent Rights when requested by Assignee all rightful oaths, declarations, assigns) without compensation (but at Assignee's expense); (iii) that I a
C. I covenant with Assignee, its successors and assigns, that no assignment, grant, the grant, the grant with Assignee, its successors and assigns, that no assignment, grant, the grant with Assignee, its successors and assigns, that no assignment, grant, the grant with Assignee, its successors and assigns, that no assignment, grant, the grant with Assignee, its successors and assigns, that no assignment, grant, the grant with Assignee, its successors and assigns, that no assignment, grant, the grant with Assignee, its successors and assigns, that no assigns are grant with Assignee, its successors and assigns, that no assigns are grant with the grant with Assignee, its successors and assigns are grant with the grant w
Patent Rights has been made to others by me, and that full righted beautiful Place of Business at One Verizon 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 Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed
IN WITNESS to my agreement to the foregoing Declaration of Inventor and Inventor an
Full legal name of Inventor: <u>Desirae DOLPHIN</u>
Address: 124 Sturbridge Drive, Piscataway, NJ 08854 US Signature: Date: 3/27/10

PATENT REEL: 038111 FRAME: 0927

RECORDED: 03/28/2016