#### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Steven T. ARCHER	05/11/2012
Peter S. TIPPETT	05/14/2012
Gregory P. CRAWFORD	05/13/2012
Paul HUBBARD	05/14/2012
Gina M. GANLEY	05/11/2012
Jo Ann JOELS	05/11/2012

#### **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:	13477489

# **CORRESPONDENCE DATA**

Fax Number:(571)432-0808Phone:571 432 0800

Email: sstocklinski@harrityllp.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Harrity and Harrity LLP
Address Line 1: 11350 Random Hills Road

Address Line 2: Suite 600

Address Line 4: Fairfax, VIRGINIA 22030

ATTORNEY DOCKET NUMBER: 20120010

PATENT REEL: 028249 FRAME: 0184 D \$40.00 13477489

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NAME OF SUBMITTER:	Brian E. Ledell
Total Attachments: 6 source=20120010_Signed_Assignment#pag source=20120010_Signed_Assignment#pag source=20120010_Signed_Assignment#pag source=20120010_Signed_Assignment#pag source=20120010_Signed_Assignment#pag source=20120010_Signed_Assignment#pag	ge2.tif ge3.tif ge4.tif ge5.tif

#### ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned

have sold, assigned and transferred, and by the presents do hereby self, assign, and transfer, to the Verizon legal entity identified below ("Assignee") and its successors and assigns, the entire worldwide right, title and interest in and to any and all improvements which are described in the application for United States Leners Patent entitled

	MOBILE APPLICATION SECURITY ASSESSMENT
	Mwhich has been executed by the undersigned concurrently herewith, and in which ease time hereby authorize and request the Assignee, its successors, assigns and/or legal representatives, to use there in the parentheses (Application Number $\frac{13/477,489}{1000}$ , filed $\frac{\text{May } 22,2012}{1000}$ ) the filling date and application number of said application when known
	which was filed on and assigned Application No
	and in and to said application, and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements or based on or claiming priority to said application; and in and to all original and reissued patents which have been or shall be issued in the United States and foreign countries from any of said applications, and in and to all rights of priority resulting from the tiling of any of said applications, and in and to all rights which may exist under the International Convention for the Protection of Industrial Property to any of the foregoing;
	agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, communing (in whole or in part), substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all letters Patent on said improvements, in said Assignee, its successors and assigns; and
Total Control of the	covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, beense, or other agreement affecting the rights and property berein identified has been made to others by the undersigned; and that full right to convey the same as berein expressed is possessed by the undersigned.
12	WITNESS to my/our agreement to the foregoing. I/we have executed this Assignment as set forth below:
Ver <u>Bas</u>	izon entity (Assignee) <u>Verizon Parent and Licensing Inc.</u> having a place of business at <u>One Verizon Way</u> , king Ridge, NJ 07920, USA
<u>15</u>	SIGNORS ()
Sigi	Speven T ARCHER Date 3/4/12
Sign	Peier's TIPPETT Pout Date 5/14/12
Sign	Date 5/13/12

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for Verizon Do	eket No.: 2012001
Signature // // Date: S/19/16	contract the property of the contract of the c
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Gins M. GANI FV	
사람들은 마음 보고 경 <b>한 경험 사람들에 가는 사람이 있다. 그 사고 있는 사람들은 사람들은 사람들은 사람들이 되었다. 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은</b>	- state of the control of the contro
- 보니프스트 - 트로드 (A. ) 프로토토 - 프로그램 - (A. )	Market Committee
Gigation C.	

Verizon Invention Assignment for Verizon Docket No.: 20120010 Page 1 of 2

# **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned:

I. have sold, assigned and transferred, and by the presents do hereby sell, assign, and transfer, to the Verizon legal entity identified below ("Assignee") and its successors and assigns, the entire worldwide right, title and interest in and to any and all improvements which are described in the application for United States Letters Patent entitled

#### MOBILE APPLICATION SECURITY ASSESSMENT

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Which has been executed by the tallow hereby authorize and request the Assignee, its insert here in the parentheses (Application Number filing date and application number of said application	13/477,489 , filed <u>May 22, 2012</u> ) the
which was filed on ar	d assigned Application No.
and in and to said application, and all divisional, c reissue, provisional, and all other applications for Le United States and all foreign countries on any of said application; and in and to all original and reissued pat States and foreign countries from any of said applicat the filing of any of said applications; and in and to Convention for the Protection of Industrial Property to	etters Patent which have been or shall be filed in the improvements or based on or claiming priority to said ents which have been or shall be issued in the United ions, and in and to all rights of priority resulting from all rights which may exist under the International
II. agree that said Assignee may apply for and receive Letter that, when requested, without charge to, but at the e legal representatives, to carry out in good faith the in will execute all divisional, continuing (in whole or in applications on any and all said improvements; execut of attorney and other papers; communicate to said Assignet known to undersigned relating to said improvements and maintaining proper patent to said improvements and all applications for Letters said Assignee, its successors and assigns; and	xpense of, said Assignee, its successors, assigns and tent and purpose of this Assignment, the undersigned part), substitute, renewal, reissue, and all other patent to all rightful oaths, declarations, assignments, powers signee, its successors, assigns, and representatives, all vernents and the history thereof; and generally do ars, assigns or representatives shall consider desirable protection for said improvements and for vesting title
III. covenant with said Assignee, its successors, assigns a mortgage, license, or other agreement affecting the ri others by the undersigned, and that full right to conv undersigned.	ghts and property herein identified has been made to
IN WITNESS to my/our agreement to the foregoing, I/we have	executed this Assignment as set forth below:
Verizon entity (Assignee): Verizon Patent and Licensing Inc.   Basking Ridge, NJ 07920, USA.	naving a place of business at One Verizon Way.
ASSIGNORS:	
Signature: Steven T. ARCHER	Date:
Signature: Peter S. TIPPETT	Date:
Signature: Gregory P. CRAWFORD	Date:

Verizon Invention Assignment for Verizon Docket No.: 20120010 Page 2 of 2

Signature:	Date:
Signature: Gina M. GANLEY	Date: 5/11/2012
Signature:	Date:

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# MOBILE APPLICATION SECURITY ASSESSMENT

	EBBNIE] (1
Which has been executed by the undersigned of I/we hereby authorize and request the Assignce, its successors, insert here in the parentheses (Application Number 13/477, 4 filing date and application number of said application when known.	assigns and/or legal representatives, to
which was filed on and assigned A	pplication No.
and in and to said application, and all divisional, continuing (in reissue, provisional, and all other applications for Letters Patent v United States and all foreign countries on any of said improvements application; and in and to all original and reissued patents which ha States and foreign countries from any of said applications, and in an the filing of any of said applications; and in and to all rights w Convention for the Protection of Industrial Property to any of the foreign countries.	which have been or shall be filed in the sor based on or claiming priority to said we been or shall be issued in the United and to all rights of priority resulting from hich may exist under the International regoing;
II. agree that said Assignee may apply for and receive Letters Patent for said that, when requested, without charge to, but at the expense of, said legal representatives, to carry out in good faith the intent and purpowill execute all divisional, continuing (in whole or in part), substitute applications on any and all said improvements; execute all rightful of attorney and other papers; communicate to said Assignee, its successors known to undersigned relating to said improvements and everything possible which said Assignee, its successors, assigns or for aiding in securing and maintaining proper patent protection for some said improvements and all applications for Letters Patent and all I said Assignee, its successors and assigns; and	Assignee, its successors, assigns and use of this Assignment, the undersigned ite, renewal, reissue, and all other patent aths, declarations, assignments, powers tessors, assigns, and representatives, all the history thereof; and generally do representatives shall consider desirable
III. covenant with said Assignee, its successors, assigns and legal repre mortgage, license, or other agreement affecting the rights and prope others by the undersigned, and that full right to convey the same as undersigned.	sentatives that no assignment, grant, ity herein identified has been made to sherein expressed is possessed by the
IN WITNESS to my/our agreement to the foregoing, I/we have executed this A	Assignment as set forth below:
Verizon entity (Assignee): <u>Verizon Patent and Licensing Inc.</u> having a place of <u>Basking Ridge</u> , NJ 07920, USA.	f business at One Verizon Way.
ASSIGNORS:	
Signature: Date:	
Signature: Date: Date:	
Signature: Date:	

Verizon Invention Assignment for Verizon Docket No.: 20120010 Page 2 of 2

Signature:	Date:
Paul HUBBARD	Date.
Signature:	Date:
Gina M. GANLEY	5 /
Signature: Olim cele	Date: 5/11/12
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PATENT REEL: 028249 FRAME: 0191

**RECORDED: 05/22/2012**