

## 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>Satyan Ranganath</td> <td>11/01/2012</td> </tr> <tr> <td>Stan Szwalbenest</td> <td>11/01/2012</td> </tr> <tr> <td>Maura Rose</td> <td>11/05/2012</td> </tr> <tr> <td>Marcia Keld</td> <td>11/14/2012</td> </tr> <tr> <td>Manning Field</td> <td>11/14/2012</td> </tr> <tr> <td>Ryan McInerney</td> <td>02/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Satyan Ranganath	11/01/2012	Stan Szwalbenest	11/01/2012	Maura Rose	11/05/2012	Marcia Keld	11/14/2012	Manning Field	11/14/2012	Ryan McInerney	02/11/2013
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<table border="1"> <tr> <td>Name:</td> <td>JPMorgan Chase Bank, N.A.</td> </tr> <tr> <td>Street Address:</td> <td>270 Park Avenue</td> </tr> <tr> <td>City:</td> <td>New York</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10017</td> </tr> </table>		Name:	JPMorgan Chase Bank, N.A.	Street Address:	270 Park Avenue	City:	New York	State/Country:	NEW YORK	Postal Code:	10017				
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CORRESPONDENCE DATA															
Fax Number:	2023464444														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	202-346-4000														
Email:	fmckeon@goodwinprocter.com														
Correspondent Name:	Stephen T. Schreiner														
Address Line 1:	901 New York Avenue, N.W.														
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20001														
ATTORNEY DOCKET NUMBER:	J47004.020089														
NAME OF SUBMITTER:	Kerry H. Owens														

OP \$40.00 13681745

**Total Attachments: 8**

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Attorney Docket No: J47004.020089  
U.S. Application No. \_\_\_\_\_

### ASSIGNMENT

WHEREAS, WE, Satyan Ranganath, citizen of USA, residing at 151 Harrogate Drive, Landenberg, PA 19350; Stan Szwalbenest, citizen of USA, residing at 1409 Chase Road, Newtown, PA 18940; Maura Rose, citizen of USA, residing at 730 Rugby Road, Brooklyn, NY 11230; Marcia Keld, citizen of USA, residing at 25 Millwood Drive, Middletown, DE 19709; Manning Field, citizen of USA, residing at 501 Bancroft Road, Media, PA 19063; and Ryan McInerney, citizen of USA, residing at 999 Forest Avenue, Rye, NY 10580, have invented, developed, and/or have rights in the invention(s) (hereinafter "Invention") disclosed in an application for United States Letters Patent entitled:

"Mobile Fraud Prevention System and Method"

filed on 3/22/2013 and accorded U.S. Application No. 13/681,745  
(hereinafter "Application"); and

WHEREAS, JPMorgan Chase Bank, N.A., a corporation organized under the laws of the United States of America and having a place of business at 270 Park Avenue, New York, NY 10017 (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in and to the Invention and in and to the Application.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to Assignee and its successors and assigns, our entire right, title and interest, worldwide, in and to the Invention and the Application, and all patents and applications, worldwide, claiming priority to and/or benefit of, directly or indirectly, or based in whole or in part on, said Application and/or said Invention, including continuations, continuations-in-part, divisionals, reissues, reexaminations, renewals, substitutes, and extensions thereof, and any international and regional applications, based in whole or in part on any of the aforesaid applications or in whole or in part on said Invention, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all utility-model registrations, inventor's certificates, and the like heretofore or hereafter filed, worldwide, for the Invention, and in and to any and all patents (including all extensions, renewals, reexaminations and reissues thereof), worldwide, which have been or may be granted on any of the aforesaid applications or on said Invention or any parts thereof.

AND WE HEREBY covenant and agree for ourselves and our heirs, executors and administrators that we will communicate to Assignee any facts known to us respecting the Invention and the aforementioned applications, sign all lawful papers, testify in any legal proceeding, make all rightful oaths, and take any other actions that may be necessary or desirable to secure to Assignee its right, title, and interest in and to the aforementioned patents, applications and Invention, and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for the Invention and the aforementioned patents and applications;

AND WE HEREBY agree to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said applications, or in the preparation or prosecution of any continuation, continuation-in-part, divisional, substitute, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or

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other applications for patents or similar rights of any region or country, that may be necessary to secure to Assignee its interest and title in and to said Invention or any parts thereof, and in and to said applications and patents;

AND WE HEREBY authorize and request our agents, Goodwin Procter LLP, whose address is 901 New York Avenue, NW, Washington, DC 20001, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said Application when known;

AND WE HEREBY covenant for ourselves and our legal representatives, and agree with said Assignee, its successors and assigns, that we have the full right to convey the entire interest herein assigned, and that we have granted no right or license to make, use, sell or offer to sell said Invention, to anyone except said Assignee, that prior to the execution of this deed, our right, title and interest in said Invention and said Application had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

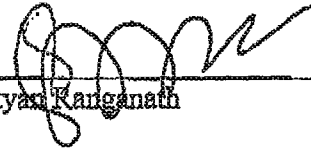
AND WE HEREBY authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty is to issue patents on applications as aforesaid, to issue any and all letters patents which may be granted upon said United States and foreign applications or upon the Invention to the Assignee.

- SIGNATURES BEGIN ON NEXT PAGE -

Attorney Docket No: J47004.020089  
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IN WITNESS WHEREOF, we have hereunto set our hands and seals.

11/1/12.  
Date

  
\_\_\_\_\_  
Satyan Ranganath

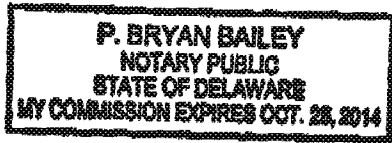
County of NEW CASTLE           )  
  )  
State of DELAWARE                        )  
  ) ss:

On this 1<sup>st</sup> day of November, 2012, before me, a Notary Public in and for the County and State aforesaid, personally appeared Satyan Ranganath, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

  
\_\_\_\_\_  
Notary Public

My Commission Expires 10/27/2014

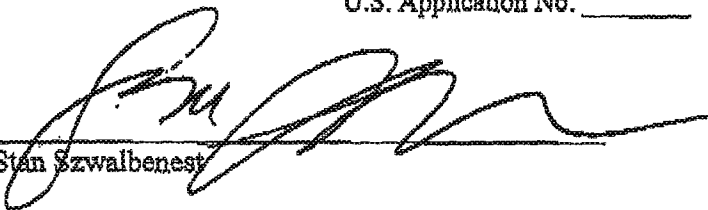
(SEAL)



Attorney Docket No: J47004.020089

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11/1/12  
Date

  
Stan Szwalbenest

County of ~~NEW CASTLE~~ )  
State of DELAWARE )

ss:

On this 1<sup>st</sup> day of November, 2012, before me, a Notary Public in and for the County and State aforesaid, personally appeared Stan Szwalbenest, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

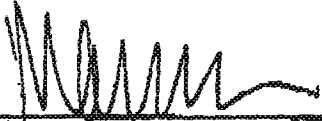
  
Notary Public

(SEAL)

My Commission Expires 10/25/2014

Attorney Docket No: J47004.020089  
U.S. Application No. \_\_\_\_\_

11.5.2012  
Date


  
Maura Rose

County of Bronx }  
State of New York } ss:

On this 5th day of November, 2012, before me, a Notary Public in and for the County and State aforesaid, personally appeared Maura Rose, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(SEAL)

**MARILYN HAININER**  
NOTARY PUBLIC, STATE OF NEW YORK  
QUALIFIED IN BRONX COUNTY  
REG. NO. 01HAG198603  
MY COMMISSION EXPIRES 01-05-2013

  
Notary Public

My Commission Expires 01/05/2013

~~MARILYN HAININER  
NOTARY PUBLIC, STATE OF NEW YORK  
QUALIFIED IN BRONX COUNTY  
REG. NO. 01HAG198603  
MY COMMISSION EXPIRES 01-05-2013~~

Attorney Docket No: J47004.020089  
U.S. Application No. \_\_\_\_\_

11/14/12  
Date  
County of NEW CASTLE )  
State of DELAWARE )

Marcia M Keld  
Marcia Keld

ss:

On this 14<sup>th</sup> day of NOVEMBER, 2012, before me, a Notary Public in and for the County and State aforesaid, personally appeared Marcia Keld, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

[Signature]  
Notary Public

(SEAL)

My Commission Expires 10/25/14



Attorney Docket No: J47004.020089  
U.S. Application No. \_\_\_\_\_

11/14/2012  
Date

[Signature]  
Manning Field

County of NEW CASTLE )  
State of DELAWARE ) SS:

On this 14<sup>th</sup> day of NOVEMBER, 2012, before me, a Notary Public in and for the County and State aforesaid, personally appeared Manning Field, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

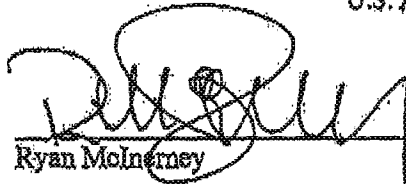
(SEAL)

[Signature]  
Notary Public

My Commission Expires 11/2/14

Attorney Docket No: J47004.020089  
U.S. Application No. \_\_\_\_\_

February 11, 2013  
Date


  
\_\_\_\_\_  
Ryan McInerney

County of NEW YORK }  
State of NEW YORK } ss:

On this 11<sup>th</sup> day of FEBRUARY, 2013, before me, a Notary Public in and for the County and State aforesaid, personally appeared Ryan McInerney, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(SEAL)

ROSE M SMALL  
Notary Public - State of New York  
NO. 018M6108338  
Qualified in New York County  
My Commission Expires 4-12-16

  
\_\_\_\_\_  
Notary Public  
My Commission Expires 4-12-16