

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>Dana George Schalk</td> <td>11/18/2012</td> </tr> <tr> <td>John E. O'Neil</td> <td>11/21/2012</td> </tr> <tr> <td>Robert Benedetti</td> <td>11/18/2012</td> </tr> <tr> <td>Stephen Carr</td> <td>11/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Dana George Schalk	11/18/2012	John E. O'Neil	11/21/2012	Robert Benedetti	11/18/2012	Stephen Carr	11/15/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>FMR LLC</td> </tr> <tr> <td>Street Address:</td> <td>82 Devonshire Street</td> </tr> <tr> <td>City:</td> <td>Boston</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02109</td> </tr> </table>		Name:	FMR LLC	Street Address:	82 Devonshire Street	City:	Boston	State/Country:	MASSACHUSETTS	Postal Code:	02109
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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>13687588</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13687588						
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CORRESPONDENCE DATA											
Fax Number: 6175269899 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 617.526.9600 Email: oandrews@proskauer.com Correspondent Name: Proskauer Rose LLP Address Line 1: One International Place Address Line 4: Boston, MASSACHUSETTS 02110											
ATTORNEY DOCKET NUMBER:	FID-057A										
NAME OF SUBMITTER:	Sean D. Whaley										
	This document serves as an Oath/Declaration (37 CFR 1.63).										

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Total Attachments: 8

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR: Dana George Schalk CONFIRMATION NO.: Not Yet Assigned
APPLICATION NO.: Not Yet Assigned FILING DATE: Herewith
TITLE: Business Application Fingerprinting and Tagging

DECLARATION PURSUANT TO 37 C.F.R. § 1.63 AND ASSIGNMENT

I. DECLARATION

As the below named inventor, I hereby make the following declarations with respect to the above-identified patent application attached hereto:

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-identified application;

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims;

I acknowledge the duty to disclose to the Patent Office all information known by me to be material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part 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.

II. ASSIGNMENT

WHEREAS, I, Dana George Schalk, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent; and

WHEREAS, FMR LLC (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 82 Devonshire Street, Boston, Massachusetts 02109, desires to acquire an interest therein, in accordance with agreements duly entered into with me.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest in and to said application and such letters patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such letters patent, and any right, title and interest I may have in provisional applications to which said application claims priority; said invention(s), applications and letters patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made. I hereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of

industrial property by filing any such applications for letters patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all letters patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all letters patent to ASSIGNEE in its own name as assignee of my entire right, title and interest therein.

I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications.

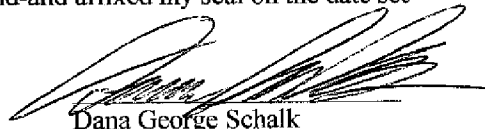
I hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved.

I hereby authorize and request the Director of the United States Patent and Trademark Office to issue such letters patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

III. SIGNATURE BLOCK

IN TESTIMONY WHEREOF, I have hereunto set my hand-and affixed my seal on the date set forth below.

Inventor:


Dana George Schalk

NOTARIZATION

State/Commonwealth of _____)
County of _____) ss

On this ____ day of _____, 201____ before me, the undersigned notary public, personally appeared _____, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document in my presence.

Notary Public

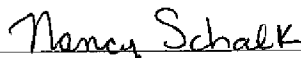
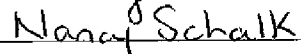
My Commission Expires: _____

WITNESS

Witness Signature: _____

Witness Name: _____

Witness Date: _____



11-18-12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR: John E. O'Neil CONFIRMATION NO.: Not Yet Assigned
APPLICATION NO.: Not Yet Assigned FILING DATE: Herewith
TITLE: Business Application Fingerprinting and Tagging

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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.

II. ASSIGNMENT

WHEREAS, I, John E. O'Neil, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent; and

WHEREAS, FMR LLC (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 82 Devonshire Street, Boston, Massachusetts 02109, desires to acquire an interest therein, in accordance with agreements duly entered into with me.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest in and to said application and such letters patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such letters patent, and any right, title and interest I may have in provisional applications to which said application claims priority; said invention(s), applications and letters patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made. I hereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of

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III. SIGNATURE BLOCK

IN TESTIMONY WHEREOF, I have hereunto set my hand-and affixed my seal on the date set forth below.

Inventor:

John E. O'Neil

NOTARIZATION

State/Commonwealth of New York)
County of Rensselaer) ss

On this 11th day of November, 2012, before me, the undersigned notary public, personally appeared John E. O'Neil proved to me through satisfactory evidence of identification, which were New York State Drivers License to be the person whose name is signed on the preceding or attached document in my presence.

AMY MELISSA GARRUPPO
Notary Public - State of New York
No. 04-846230007
Qualified in Rensselaer County
My Commission Exp. 8/2/2014

Notary Public

My Commission Expires: 8/2/2014

WITNESS

Witness Signature:

Witness Name:

Witness Date:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR: Robert Benedetti CONFIRMATION NO.: Not Yet Assigned
APPLICATION NO.: Not Yet Assigned FILING DATE: Herewith
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WHEREAS, I, Robert Benedetti, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent; and

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Inventor:


Robert Benedetti

NOTARIZATION

State/Commonwealth of _____)
County of _____) ss

On this ____ day of _____, 201____ before me, the undersigned notary public, personally appeared _____, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document in my presence.

Notary Public

My Commission Expires: _____

WITNESS

Witness Signature: Deborah A. Benedetti

Witness Name: Deborah A. Benedetti

Witness Date: 11-18-12

PATENT

Attorney Docket No.: FID-057A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR: Stephen Carr CONFIRMATION NO.: Not Yet Assigned
APPLICATION NO.: Not Yet Assigned FILING DATE: Herewith
TITLE: Business Application Fingerprinting and Tagging

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PATENT**REEL: 029460 FRAME: 0364**

DECLARATION PURSUANT TO 37 C.F.R. § 1.63 AND ASSIGNMENT

U.S. Application No. Not Yet Assigned

Page 2 of 2

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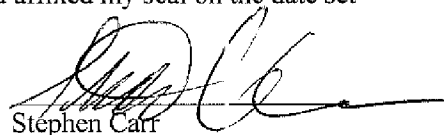
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III. SIGNATURE BLOCK

IN TESTIMONY WHEREOF, I have hereunto set my hand-and affixed my seal on the date set forth below.

Inventor:


Stephen Carr

NOTARIZATION

State/Commonwealth of Mass)
County of Suffolk) ss

On this 15th day of November, 2012 before me, the undersigned notary public, personally appeared Stephen A. Carr, proved to me through satisfactory evidence of identification, which were MA Driver's License, to be the person whose name is signed on the preceding or attached document in my presence.



Notary Public

My Commission Expires: Jan. 10, 2014WITNESS

Witness Signature: _____

Witness Name: _____

Witness Date: _____

