

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2573765

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>Robert C. Toole</td> <td>11/01/2012</td> </tr> <tr> <td>Jonathan Hromi</td> <td>11/01/2012</td> </tr> <tr> <td>John McDonough</td> <td>10/30/2012</td> </tr> <tr> <td>Hadley Rupert Stern</td> <td>11/05/2012</td> </tr> <tr> <td>Seth Warren Brooks</td> <td>11/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Robert C. Toole	11/01/2012	Jonathan Hromi	11/01/2012	John McDonough	10/30/2012	Hadley Rupert Stern	11/05/2012	Seth Warren Brooks	11/06/2012
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<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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CORRESPONDENCE DATA													
Fax Number:	(877)769-7945												
Phone:	617-542-5070												
Email:	apsi@fr.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	CHRISTINA V. MCDONOUGH												
Address Line 1:	FISH & RICHARDSON P.C.												
Address Line 2:	P.O.BOX 1022												
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022												
ATTORNEY DOCKET NUMBER:	08575-0181002												
NAME OF SUBMITTER:	MARY FLORCZAK												

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Signature:	/Mary Florczak/
Date:	10/10/2013
Total Attachments: 5 source=085750181002Assignment#page1.tif source=085750181002Assignment#page2.tif source=085750181002Assignment#page3.tif source=085750181002Assignment#page4.tif source=085750181002Assignment#page5.tif	

ASSIGNMENT

For valuable consideration, we, SETH WARREN BROOKS of 9 Paddock Road, South Easton, Massachusetts 02375, United States of America, JOHN MCDONOUGH of 40 Winter Street, Nahant, Massachusetts 01908, United States of America, HADLEY RUPERT STERN of 263 Cherry Street, West Newton, Massachusetts 02465, United States of America, ROBERT C. TOOLE of 74 Hersey Street, Hingham, Massachusetts 02043, United States of America, JONATHAN HROMI of 50 Watertown St. #210, Watertown, MA 02472 United States of America, hereby assign to:

FMR LLC, a corporation of Delaware having a place of business at:

82 Devonshire Street
Boston, MA 02109; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled RISK ADJUSTED, MULTIFACTOR AUTHENTICATION, filed November 7, 2012, and assigned U.S. Serial Number 13/670,698, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: November 6, 2012

Seth Brooks
SETH BROOKS

Witnessed by:

Name: [Signature]

Date: November 6, 2012

Name: [Signature]

Date: 11/6/12

Date: _____

JOHN MCDONOUGH

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

Date: NOV. 5, 2012

[Signature]
HADLEY STERN

Witnessed by:

Name: [Signature]

Date: 11/5/2012

Name: [Signature]

Date: 11/5/2012

Date: _____

ROBERT TOOLE

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

Date: _____
SETH BROOKS

Witnessed by:

Name: _____ Date: _____

Name: _____ Date: _____

Date: 10/30/12 _____

JOHN MCDONOUGH

Witnessed by:

Name: Christina V. McDaniel _____ Date: 10/30/12 _____

Name: _____ Date: _____

Date: _____
HADLEY STERN

Witnessed by:

Name: _____ Date: _____

Name: _____ Date: _____

Date: _____
ROBERT TOOLE

Witnessed by:

Name: _____ Date: _____

Name: _____ Date: _____

Attorney's Docket No.: 08575-0181001 / 201201411

Date: _____
SETH BROOKS

Witnessed by:

Name: _____ Date: _____

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Date: _____
JOHN MCDONOUGH

Witnessed by:

Name: _____ Date: _____

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Date: _____
HADLEY STERN

Witnessed by:

Name: _____ Date: _____

Name: _____ Date: _____

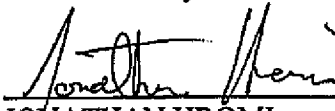
Date: 11/1/12 _____
ROBERT TOOLE

Witnessed by:

Name: Mickel Cicchetti _____ Date: 11/1/12

Name: B. W. Hoff _____ Date: 11/1/12

Date: 11/1/12


JONATHAN HROMI

Witnessed by:

Name: DMITRY BISKILO 

Date: 11/1/2012

Name: 

Date: 11/1/12

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