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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY D	ATA			
Name			Execution Date	
PRAVEEN KAUSHIK SHARMA			12/19/2014	
PIERRE C. TREPAGNIER			12/01/2014	
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PROPERTY NUMBERS	Total: 1			
Property Type		Number		
Application Number:		14505273		
		14505273		
Application Number:	ΑΤΑ	(617)443-6194		
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA e sent to			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone:	ATA e sent to provideo	(617)443-6194 o the e-mail address first; if that is unsu i; if that is unsuccessful, it will be sent (617) 449-6556		
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email:	ATA e sent to provideo	(617)443-6194 6 the e-mail address first; if that is unsu 1; if that is unsuccessful, it will be sent (617) 449-6556 ffali@mccarter.com		
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name:	ATA e sent to provideo	(617)443-6194 o the e-mail address first; if that is unsu i; if that is unsuccessful, it will be sent (617) 449-6556 ffali@mccarter.com MCCARTER & ENGLISH, LLP		
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ATTORNEY DOCKET NUMBER:	122288-17002
NAME OF SUBMITTER:	KARISHMA J. JIVA
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DATE SIGNED:	03/10/2015

Total Attachments: 5

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

> Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, MA 02139

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

SYSTEMS AND METHODS FOR RISK RATING FRAMEWORK FOR MOBILE APPLICATIONS

as set forth in this United States Patent Application

check one

[] executed concurrently herewith,

[] executed on

[x] Serial No. <u>14/505,273</u>, filed on October 2, 2014

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by

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affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of McCarter & English, LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of McCarter & English, LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Proveer Lilliama

Praveen Kaushik Sharma

Date: $\underline{\nabla e_{-}}$ $\underline{|q_{+}\rangle}$

United States of America) State of (A = A = A = A) ss.: County of (A = A = A = A)

On this 19 day of $\underline{\bigcirc} e_{\underline{\frown}}$, $\underline{2 \circ 1} \xrightarrow{4}$, before me personally came Praveen Kaushik Sharma, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

D. 1900.

Notary Public

My Commission Expires: (Jan. 24, 2018



Same C Vaga age Pierre C. Tr

December 1, 2014 Date:

United States of America) State of <u>Massachusetts</u>) ss.: County of <u>Uiddlesex</u>)

On this <u>1</u> day of <u>December</u>, <u>2014</u>, before me personally came <u>Pierre C. Trepagnier</u>, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public



My Commission Expires: $\int a_{11} \cdot 26, 2018'$

<u>elaz</u>

Dec 19, 2014 Date:

United States of A	merica)
State of	<u> </u>) ss.:
County of	M; ddle sex)

On this 19 day of bec, 2014, before me personally came Evan J. Fiore , to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

6N 8. BEAK Notary Public My Commission Expires: 🏒 <u>)40.20,2</u>