

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6586709

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNMENT DOCUMENT AND EXECUTION DATE previously recorded on Reel 055039 Frame 0741. Assignor(s) hereby confirms the ASSIGNMENT DOCUMENT AND EXECUTION DATE.
CONVEYING PARTY DATA	
Name	Execution Date
SUNG HOON KIM	09/26/2018
SHWETA GADGIL	09/19/2018
JOSHUA HARVEY	09/20/2018
LINGGE LI	09/12/2017
GUILLERMO LEIVA	09/18/2018
RECEIVING PARTY DATA	
Name:	LIBERTY MUTUAL INSURANCE COMPANY
Street Address:	175 BERKELEY STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02116
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16125347
CORRESPONDENCE DATA	
Fax Number:	(704)444-1111
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	6508382000
Email:	Angela.Pham@alston.com
Correspondent Name:	ALSTON & BIRD LLP
Address Line 1:	BANK OF AMERICA PLAZA
Address Line 2:	101 SOUTH TRYON STREET, SUITE 4000
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28280
ATTORNEY DOCKET NUMBER:	055478/517706
NAME OF SUBMITTER:	DANA M. ZOTTOLA
SIGNATURE:	/Dana M. Zottola/
DATE SIGNED:	03/05/2021

PATENT

Total Attachments: 8

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6517154

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SUNG HOON KIM	09/12/2017
SHWETA GADGIL	09/26/2017
JOSHUA HARVEY	09/13/2017
LINGGE LI	09/12/2017
GUILLERMO LEIVA	09/26/2017
RECEIVING PARTY DATA	
Name:	LIBERTY MUTUAL INSURANCE COMPANY
Street Address:	175 BERKELEY STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02116
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16125347
CORRESPONDENCE DATA	
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Phone:	6508382000
Email:	Angela.Pham@alston.com
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Address Line 2:	101 SOUTH TRYON STREET, SUITE 4000
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28280
ATTORNEY DOCKET NUMBER:	055478/517706
NAME OF SUBMITTER:	DANA M. ZOTTOLA
SIGNATURE:	/Dana M. Zottola/
DATE SIGNED:	01/26/2021
Total Attachments: 6	

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

**LIBERTY MUTUAL INSURANCE COMPANY
175 BERKELEY STREET
BOSTON, MA 02116**

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in **"METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR IDENTIFYING HAZARDOUS CONDITIONS AND PREDICTING POLICY TRANSACTION BEHAVIOR"**

as set forth in this United States Patent Application

- ☐ executed concurrently herewith
- ☒ Application No. 16/125,347; filed September 7, 2018
- ☒ Application claims priority from Application No. 62/556,110, filed September 8, 2017, all applications listed above being hereinafter referred to as the "application(s)";

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

This Assignment is deemed to be effective at least as early as the earliest priority date.

Sung Hoon Kim / (Signature)
Inventor: **Sung Hoon Kim**

Date: 9/26/2018

/ _____ / (Signature)
Inventor: **Shweta Gadgil**

Date: _____

/ _____ / (Signature)
Inventor: **Joshua Harvey**

Date: _____

/ _____ / (Signature)
Inventor: **Lingge Li**

Date: _____

/ _____ / (Signature)
Inventor: **Guillermo Leiva**

Date: _____

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/_____/ (Signature) Date: _____
Inventor: **Sung Hoon Kim**

/_____*SHWETA GADGIL*/ (Signature) Date: 9/19/2018
Inventor: **Shweta Gadgil**

/_____/ (Signature) Date: _____
Inventor: **Joshua Harvey**

/_____/ (Signature) Date: _____
Inventor: **Lingge Li**

/_____/ (Signature) Date: _____
Inventor: **Guillermo Leiva**

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/_____/ (Signature) Date: _____
Inventor: **Sung Hoon Kim**

/_____/ (Signature) Date: _____
Inventor: **Shweta Gadgil**

/_____/ (Signature) Date: _____
Inventor: *Joshua Harvey* **Joshua Harvey** 9/20/2018

/_____/ (Signature) Date: _____
Inventor: **Lingge Li**

/_____/ (Signature) Date: _____
Inventor: **Guillermo Leiva**

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Inventor: **Sung Hoon Kim**

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Inventor: **Shweta Gadgil**

/ _____ / (Signature) Date: _____
Inventor: **Joshua Harvey**

/ _____ / (Signature) Date: _____
Inventor: **Lingge Li**

/ Guillermo Leiva / (Signature) Date: 9/18/2018
Inventor: **Guillermo Leiva**

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

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175 BERKELEY STREET
BOSTON, MA 02116**

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in

**"METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR
IDENTIFYING HAZARDOUS CONDITIONS AND PREDICTING POLICY
TRANSACTION BEHAVIOR"**

as set forth in this United States Patent Application

- ☐ executed concurrently herewith
☒ Application No. 62/556,110; filed September 8, 2017
☐ Application claims priority from Application No. _____, filed _____, all applications listed above being hereinafter referred to as the "application(s)";

(We hereby authorize and request the Assignee and its attorney (Alston & Bird LLP) to insert above the application number and filing date of said application when known.)

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions,

Attorney Docket: 055478/496608

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

This Assignment is deemed to be effective at least as early as the earliest priority date.

DocuSigned by:
Lingge Li
332B1104E6AD434...

Inventor: Lingge Li

(Signature)

Date: 9/12/2017