PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT MILDEN	10/26/2017
TERRI CHRISTINE KENNELL	11/16/2017
TIMOTHY E. CARBERY	11/09/2021

RECEIVING PARTY DATA

Name:	WELLS FARGO BANK, N.A.
Street Address:	420 MONTGOMERY STREET
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94104

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16890730

CORRESPONDENCE DATA

Fax Number: (704)331-4955

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.

7043314900 Phone:

Email: WellsFargoPatents@wbd-us.com

WOMBLE BOND DICKINSON (US) LLP **Correspondent Name:**

Address Line 1: 301 SOUTH COLLEGE STREET

Address Line 2: **SUITE 3500**

Address Line 4: CHARLOTTE, NORTH CAROLINA 28202-6037

ATTORNEY DOCKET NUMBER:	111690.0122.2
NAME OF SUBMITTER:	DAVID EASWARAN
SIGNATURE:	/David Easwaran/
DATE SIGNED:	03/13/2022

Total Attachments: 4

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PATENT REEL: 059248 FRAME: 0896

PATENT ASSIGNMENT

We, Robert Milden, Timothy E. Carbery, and Terri Christine Kennell ("ASSIGNORS"), ve invented subject matter ("INVENTION") disclosed and/or claimed in a patent application titled "POLICY EXCEPTION RISK DETERMINATION ENGINE WITH VISUAL WARENESS GUIDE" ("APPLICATION"), which:
will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby thorizes, and requests ASSIGNEE'S legal representatives of Walter Haverfield LLP, The ower at Erieview, 1301 East 9 th Street, Suite 3500, Cleveland, Ohio 44114, who are associated th customer number 26672, to insert here in parenthesis (U.S. Serial No ed) this APPLICATION'S U.S. Serial Number and filing date, when known;
was filed on October 14, 2016 and was given U.S. Serial No. 15/294,190;
Wells Fargo Bank, N.A., on behalf of itself and its successors and assigns ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title d interest in the INVENTION and the APPLICATION (and all other applications and patents rived therefrom, such as continuing applications, in and for the United States, its territories, d all foreign countries ("APPLICATION DERIVATIVES");
For good and valuable consideration, the receipt of which is hereby acknowledged by the SSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire d exclusive rights, title and interest in the INVENTION and the APPLICATION (and PPLICATION DERIVATIVES);
ASSIGNORS agree to execute all instruments and documents required for the making d prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation garding letters patent derived therefrom, and for the purpose of protecting and perfecting title the APPLICATION (and APPLICATION DERIVATIVES).
This Patent Assignment may be executed in counterparts, each of which when so ecuted and delivered shall be deemed an original, but such counterparts together shall nstitute one and the same instrument.
0/26/2017 R mill
Robert L. Milden
Timothy E. Carbery
Terri Christine Kennell

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PATENT ASSIGNMENT

Date	Terri Christine Kennell
11/16/2017	300. Level
Date	Timothy E. Carbery
Date	Robert Milden
	nent may be executed in counterparts, each of which when so all be deemed an original, but such counterparts together shall nstrument.
and prosecution of the APF regarding letters patent deriv	to execute all instruments and documents required for the making PLICATION (and APPLICATION DERIVATIVES), for litigation red therefrom, and for the purpose of protecting and perfecting title APPLICATION DERIVATIVES).
ASSIGNORS, the ASSIGNO	e consideration, the receipt of which is hereby acknowledged by the ORS hereby sell, assign and transfer to the ASSIGNEE, the entire and interest in the INVENTION and the APPLICATION (and VES);
("ASSIGNEE"), is entitled to and interest in the INVENTI derived therefrom, such as of	N.A., on behalf of itself and its successors and assigns to, and is desirous of acquiring, the entire and exclusive rights, title ION and the APPLICATION (and all other applications and patents continuing applications, in and for the United States, its territories, PPLICATION DERIVATIVES");
was filed on Octo	ober 14, 2016 and was given U.S. Serial No. <u>15/294,190</u> ;
authorizes, and requests AS Tower at Erieview, 1301 Eas with customer number 26672	hout this executed PATENT ASSIGNMENT. ASSIGNOR hereby SIGNEE'S legal representatives of Walter I Haverfield LLP, The st 9 th Street, Suite 3500, Cleveland, Ohio 44114, who are associated 2, to insert here in parenthesis (U.S. Serial NoAPPLICATION'S U.S. Serial Number and filing date, when known;
have invented subject matter	("INVENTION") disclosed and/or claimed in a patent application ION RISK DETERMINATION ENGINE WITH VISUAL PPLICATION"), which:

IDF-16-0298 Attorney Docket Number: 111690.0121.4

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor ("Assignor") hereby sells, assigns, and transfers unto

Wells Fargo Bank, N.A. 420 Montgomery Street San Francisco, CA 94104

(the "Assignee") the inventor's entire worldwide right, title, and interest in and to all inventions, improvements, and discoveries (collectively, the "Inventions") set forth in:

United States Patent Application No. 15/294,190, filed on October 14, 2016, and titled:

"POLICY EXECPTION RISK DETERMINATION ENGINE WITH VISUAL AWARENESS GUIDE",

as well as in and to (a) all improvements and modifications to any of the Inventions, (b) the above-identified patent application and all other patent applications, , utility models, design registrations, other rights of exclusion, and inventors' certificates in every country or region setting forth (i) any or all of the Inventions or (ii) any improvements or modifications to any or all of the Inventions, (collectively, the "Applications and Granted Rights") (c) every priority right that is or may be predicated upon or arise from any of the Inventions or the Applications and Granted Rights, and (d) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Inventions, the Applications and Granted Rights, and any other rights assigned by this Assignment.

Assignor hereby authorizes Assignee to file patent applications in any or all countries on any or all of the Inventions in the name of the Assignor or in the name of Assignee or otherwise as Assignee may deem advisable, under the Patent Cooperation Treaty or otherwise.

Assignor hereby authorizes the Commissioner of Patents, and officials of other countries whose duty it is to issue patents, to issue patents on any or all of the Inventions to Assignee.

Assignor hereby represents that Assignor has the full and unencumbered right to make this Assignment, and hereby covenants that Assignor will not execute any document or instrument in conflict herewith.

IDF-16-0298 Attorney Docket Number: 111690.0121.4

Assignor hereby agrees to:

- i. undertake all acts reasonably serving to ensure that the Inventions and the Applications and Granted Rights shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by Assignor if this assignment had not been made;
- ii. execute and deliver, as requested by Assignee or its legal representatives, any lawful documents relating to any of the Inventions, including oaths, declarations, assignments, invention disclaimers, or affidavits;
- iii. furnish to Assignee all facts known to Assignor relating to any of the Inventions, as well as all documents, photographs, models, samples or other physical exhibits which may embody any of the Inventions, and
- iv. cooperate with Assignee in any reexamination, reissue, opposition, dispute, or litigation involving any of the Inventions or the Applications and Granted Rights.

Assignor hereby grants Assignee and its legal representatives the right to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

This agreement is binding upon, and inures to the benefit of, the parties and their respective successors and assigns.

This Assignment is deemed to be effective at least as early as the earliest filing date listed above. If the Assignor has previously assigned to Assignee any right, title, or interest in the Inventions or the Applications and Granted Rights, this document shall be interpreted as confirming the validity of such prior assignment.

	DocuSigned by:	
11/9/2021	Timothy E. Carbery	
Date	Timothy E. Carbery	