

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6236881

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ELIZABETH A. FLOWERS	04/19/2017
PUNEIT DUA	03/31/2017
ERIC BALOTA	04/18/2017
SHANNA L. PHILLIPS	04/03/2017
RECEIVING PARTY DATA	
Name:	STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY
Street Address:	ONE STATE FARM PLAZA, A-3
City:	BLOOMINGTON
State/Country:	ILLINOIS
Postal Code:	61710
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16986132
CORRESPONDENCE DATA	
Fax Number:	(509)944-4692
<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>	
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ATTORNEY DOCKET NUMBER:	MG-LH50662-E-NP1-CON1
NAME OF SUBMITTER:	ALEXIS COLLINS
SIGNATURE:	/Alexis Collins/
DATE SIGNED:	08/05/2020
Total Attachments: 6	
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ASSIGNMENT

NOW, THEREFORE, for good, valuable and legally sufficient consideration for each Assignor, the receipt of which is hereby acknowledged by all Assignors, said Assignors have sold, assigned, transferred and set over, and as demonstrated by this Assignment do sell, assign, transfer and set over unto STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY, One State Farm Plaza, Bloomington, Illinois 61710 and its successors and assigns ("Assignee"), the entire right, title and interest in and to the inventions of such undersigned disclosed in the applications listed in Schedule A, applications for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor or thereon, and in and to any and all related provisionals, nonprovisionals, divisionals, continuations and continuation-in-parts, etc. of any such application, or reissues, reexaminations, renewals and extensions of said Letters Patent or Patents; and the full right to claim for any such applications all benefits and priority rights under any applicable convention, treaty or legislation, and the right of Assignee to sue and obtain relief, including damages, profits and an injunction, for any infringement occurring before or after issuance of said Letters Patent or Patents; the same to be held and enjoyed for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors had this Assignment not been made.

Each of the undersigned states that each of the applications listed in Schedule A is or was made or authorized to be made by it. Each of the undersigned authorizes the attorneys of record in the applications listed in Schedule A to insert in this assignment the filing dates and application numbers of the applications listed in Schedule A when officially known. Each of the undersigned believes it to be the original inventor or a joint inventor with another undersigned of a claimed invention in each of the applications listed in Schedule A. The undersigned acknowledges that any willful false statement made by it in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignee, each of the undersigned warrants that: (i) it is the owner of all its rights, titles and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, titles and interests herein assigned. The undersigned authorized the applications listed in Schedule A to be made.

Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce and vest in Assignee the rights, titles and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, titles and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS Elizabeth Flowers with my hand this 19 day of April, 2017.

State of Illinois
County of McLean

On this 19 day of April, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Elizabeth Flowers**, known to me personally or proved to me on the basis of satisfactory evidence to be the same person who appeared before me, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given. My commission expires: 4/17/19

Nathan Vermillion
Notary Public Signature



WITNESS Puneit Dua with my hand this 31 day of March, 2017.
Puneit Dua

State of Illinois
County of McLean

On this 31 day of March, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Puneit Dua**, known to me personally or proved to me on the basis of satisfactory evidence to be the same person who appeared before me, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given. My commission expires: 4/17/19

Nathan Vermillion
Notary Public Signature

OFFICIAL SEAL
NATHAN VERMILLION
NOTARY PUBLIC - STATE OF ILLINOIS
My Commission Expires April 17, 2019

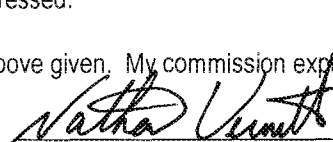
WITNESS  with my hand this 18th day of April, 2017.
Eric Balota

State of Illinois
County of McLean

On this 18 day of April, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Eric Balota**, known to me personally or proved to me on the basis of satisfactory evidence to be the same person who appeared before me, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given. My commission expires: 4/17/19




Notary Public Signature

WITNESS Shanna L. Phillips with my hand this 3rd day of April, 2017.
Shanna L. Phillips

State of Illinois
County of McLean

On this 3 day of April, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Shanna L. Phillips**, known to me personally or proved to me on the basis of satisfactory evidence to be the same person who appeared before me, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given. My commission expires: 4/17/19

OFFICIAL SEAL
NATHAN VERMILLION
NOTARY PUBLIC - STATE OF ILLINOIS
My Commission Expires April 17, 2019

Nathan Vermillion
Notary Public Signature

On behalf of the Assignee, Timothy Le Duc, Counsel, State Farm Mutual Automobile Insurance Company,
Name Title
hereby confirms Assignee's acceptance of all rights, privileges, titles and interests conveyed by this assignment.

Timothy Le Duc 4/20/2017
Signature Date

ASSIGNMENT

SCHEDULE A

Application No.	Filing Date	Title	Docket Number
15/495,549	April 24, 2017	Heuristic Identity Authentication Engine	32060/50662A
15/495,579	April 24, 2017	Heuristic Context Prediction Engine	32060/50662B
15/495,594	April 24, 2017	Natural Language Virtual Assistant	32060/50662C
15/495,603	April 24, 2017	Heuristic Money Laundering Detection Engine	32060/50662D
15/495,621	April 24, 2017	Heuristic Credit Risk Assessment Engine	32060/50662E
15/495,648	April 24, 2017	Heuristic Document Verification And Real Time Deposit Engine	32060/50662F
15/495,659	April 24, 2017	Heuristic Account Fraud Detection Engine	32060/50662G
15/495,678	April 24, 2017	Natural Language Troubleshooting Engine	32060/50662H
15/495,693	April 24, 2017	Cross Selling Recommendation Engine	32060/50662I
15/495,699	April 24, 2017	Book of Business Impact Assessment Engine	32060/50662J
15/495,716	April 24, 2017	Process Re-Design Targeting Engine	32060/50662K
15/495,724	April 24, 2017	Financial Literacy Mentoring Assistant Engine	32060/50662L
15/495,743	April 24, 2017	Heuristic Sales Agent Training Assistant	32060/50662M