04/12/2019 505425011

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5471802

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN RUGEL	03/15/2019
BRIAN STRICKER	03/13/2019
HOWARD HAYES	04/04/2019
SURENDER KUMAR	03/12/2019
MATTHEW OLENAK	03/28/2019

RECEIVING PARTY DATA

Name:	ALLSTATE INSURANCE COMPANY
Street Address:	2775 SANDERS ROAD
City:	NORTHBROOK
State/Country:	ILLINOIS
Postal Code:	60062

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16382561

CORRESPONDENCE DATA

Fax Number: (202)824-3001

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.

Phone: (202) 824-3000

bwptopat@bannerwitcoff.com, jrivera@bannerwitcoff.com Email:

BANNER & WITCOFF, LTD. **Correspondent Name:**

Address Line 1: 1100 13TH ST. NW

Address Line 2: STE 1200

Address Line 4: WASHINGTON, D.C. 20005

Total Attachments, 10	
DATE SIGNED:	04/12/2019
SIGNATURE:	/Lyssa-Michelle Morris/
NAME OF SUBMITTER:	LYSSA-MICHELLE MORRIS
ATTORNEY DOCKET NUMBER:	006591.02031

Total Attachments: 10

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WHEREAS, I/we John Rugel, Brian Stricker, Howard Hayes, Surender Kumar, and Matthew Olenak (ASSIGNORS), am/are the inventors of certain inventions and improvements described in a U.S. patent application and having the title

II. DATA PROCESSING SYSTEM WITH MACHINE LEARING ENGINE TO PROVIDE OUPUT GENERATING FUNCTIONS

which application was filed on	and assigned Application No;	and
WHEREAS,		

Allstate Insurance Company 2775 Sanders Road, Suite A2 Northbrook, IL 60062

(ASSIGNEE) desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt and sufficiency of which is hereby acknowledged,

I/we hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And I/we covenant that we have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement or do anything in conflict herewith;

And I/we further covenant and agree that I will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and I agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And I/we hereby grant the attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to further identify the patent application to which this assignment pertains, including the filing date and assigned application number.

3/15/19 Date	John Rugel
Date	Brian Stricker
Date	Howard Hayes
Date	Surender Kumar
 Date	Matthew Olenak

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3/28/19 Date	Matthew Olenak

PATENT REEL: 048869 FRAME: 0831

RECORDED: 04/12/2019