PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4956233

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KENNETH J. SANCHEZ	05/02/2018

RECEIVING PARTY DATA

Name:	STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY		
Street Address:	ONE STATE FARM PLAZA		
City:	BLOOMINGTON		
State/Country:	ILLINOIS		
Postal Code:	61710		

PROPERTY NUMBERS Total: 7

Property Type	Number
Application Number:	15976530
Application Number:	15976494
Application Number:	62617905
Application Number:	62617911
Application Number:	62539892
Application Number:	62534068
Application Number:	62522678

CORRESPONDENCE DATA

Fax Number: (312)474-0448

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: 312-474-6300

Email: docket@marshallip.com

Correspondent Name: MARSHALL, GERSTEIN & BORUN LLP (STATE FA

Address Line 1: 233 SOUTH WACKER DRIVE

Address Line 2: 6300 WILLIS TOWER

Address Line 4: CHICAGO, ILLINOIS 60606-6357

ATTORNEY DOCKET NUMBER: 32817/51768

NAME OF SUBMITTER: NOAH K. TILTON

SIGNATURE: /NOAH K. TILTON/

DATE SIGNED: 05/10/2018

504909489 REEL: 045773 FRAME: 0239

Total Attachments: 4 source=51768#page1.tif source=51768#page2.tif source=51768#page3.tif source=51768#page4.tif

PATENT REEL: 045773 FRAME: 0240

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.

1

ASSIGNOR with my hand this day of, 2018. State of Ca.\(Ca.\text{VG.\text{Y.\text{\text{\text{\text{\text{Va.\text{\t
On this 3 day of
WITNESS my hand and seal the same day and year last above given. My coromission expires: 01/26/2020
LAUREL SHANE COMM. # 2140641 NOTARY PUBLIC - CALIFORNIA SAN FRANCISCO COUNTY My Comm. Expires Jan. 28, 2020

On behalf of the Assignee,	Timothy Le Duc, Counse	I, State Farm Mutual Automobile Insurance Company
-	Name	Title
hereby confirms, Assignee's accepta	ance of all rights, privileges	, titles and interests conveyed by this assignment.
4/4/	5/9/7018	titles and interests conveyed by this assignment.
Signature	Date	

ASSIGNMENT

SCHEDULE A

Application No.	Filing Date	Title	Docket Number
62/522,678	June 20, 2017	System and Method for Improving the Security of Stored Passwords for an Organization	51768P
62/534,068	July 18, 2017	System and Method of Improving the Security of Stored Passwords for an Organization	51768P2
62/539,892	August 1, 2017	System and Method for Improving the Security of Stored Passwords for an Organization	51768P3
62/617,905	January 16, 2018	System and Method for Improving the Security of Stored Passwords for an Organization	51768PA
62/617,911	January 16, 2018	System and Method for Improving the Security of Stored Passwords for an Organization	51768PB
15/976,494	May 10, 2018	System and Method for Improving the Security of Stored Passwords for an Organization	51768A
15/976,530	May 10, 2018	System and Method for Improving the Security of Stored Passwords for an Organization	51768B

4

PATENT REEL: 045773 FRAME: 0244