

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4925918

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WILLIAM J. LEISE	03/26/2018
DOUGLAS A. GRAFF	04/10/2018
ANTHONY MCCOY	04/10/2018
JAIME SKAGGS	03/14/2018
SHAWN M. CALL	03/14/2018
STACIE A. MCCULLOUGH	03/28/2018
WENDY H. CLAYTON	04/11/2018
MELINDA TERESA MAGERKURTH	03/14/2018
KIM E. FLESHER	03/15/2018
TRAVIS CHARLES RUNGE	04/11/2018
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: 17	
Property Type	Number
Application Number:	62555030
Application Number:	62554907
Application Number:	62555358
Application Number:	62595803
Application Number:	62595823
Application Number:	62598246
Application Number:	62609786
Application Number:	62609800
Application Number:	62609611
Application Number:	62609644
Application Number:	15955777

PATENT

Property Type	Number
Application Number:	15955802
Application Number:	15956541
Application Number:	15956558
Application Number:	15956578
Application Number:	15957243
Application Number:	15957438

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: RANDALL G. RUETH

Address Line 1: 233 SOUTH WACKER DRIVE

Address Line 2: SUITE 6300

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER: 32060/52382P

NAME OF SUBMITTER: RANDALL G. RUETH

SIGNATURE: /Randall G. Rueth/

DATE SIGNED: 04/20/2018

Total Attachments: 12

source=52382 Signed Schedule A Assignment as Filed#page1.tif

source=52382 Signed Schedule A Assignment as Filed#page2.tif

source=52382 Signed Schedule A Assignment as Filed#page3.tif

source=52382 Signed Schedule A Assignment as Filed#page4.tif

source=52382 Signed Schedule A Assignment as Filed#page5.tif

source=52382 Signed Schedule A Assignment as Filed#page6.tif

source=52382 Signed Schedule A Assignment as Filed#page7.tif

source=52382 Signed Schedule A Assignment as Filed#page8.tif

source=52382 Signed Schedule A Assignment as Filed#page9.tif

source=52382 Signed Schedule A Assignment as Filed#page10.tif

source=52382 Signed Schedule A Assignment as Filed#page11.tif

source=52382 Signed Schedule A Assignment as Filed#page12.tif

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.

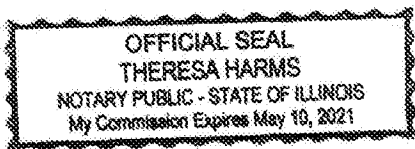
Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration 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.

ASSIGNOR William J. Leise with my hand this 26 day of March, 2018.

State of Illinois
County of McLean

On this 26th day of March, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, 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: May 10, 2021



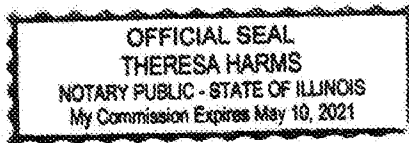
Theresa Harms
Notary Public Signature

ASSIGNOR Douglas A. Graff with my hand this 10th day of April, 2018.
Douglas A. Graff

State of Illinois
County of McLean

On this 10th day of April, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, 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 May 10, 2021



Theresa Harms
Notary Public Signature

ASSIGNOR

Anthony McCoy

with my hand this

10th

day of

April

, 2018.

State of

Illinois

County of

McLean

On this 10th day of April, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, 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:

May 10, 2021



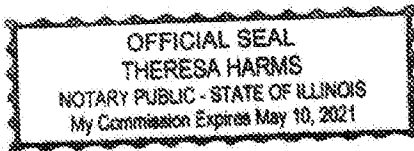
Theresa Harms
Notary Public Signature

ASSIGNOR Jaime Skaggs with my hand this 14th day of March, 2018.
Jaime Skaggs

State of Illinois
County of McLean

On this 14th day of March, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, 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: May 10, 2021



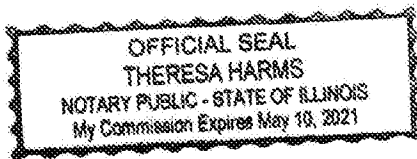
[Signature]
Notary Public Signature

ASSIGNOR Shawn M. Call with my hand this 14 day of March, 2018.

State of Illinois
County of McLean

On this 14th day of March, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, 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: May 10, 2021



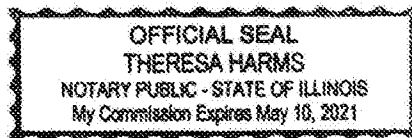
Theresa Harms
Notary Public Signature

ASSIGNOR Stacie A. McCullough with my hand this 28th day of March, 2018.
Stacie A. McCullough

State of Illinois
County of McLean

On this 28th day of March, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, 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: May 10, 2021



Theresa Harms
Notary Public Signature

ASSIGNOR Wendy H. Clayton with my hand this 11 day of April, 2018.
Wendy H. Clayton

State of Tennessee
County of Rutherford

On this 11 day of April, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, 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: June 15, 2019

Caylin George
Notary Public Signature

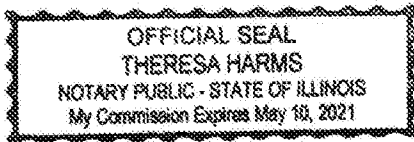


ASSIGNOR Melinda Teresa Magerkurth with my hand this 14 day of March, 2018.

State of Illinois
County of McLean

On this 14th day of March, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, 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: May 10, 2021



Theresa Harms
Notary Public Signature

ASSIGNOR Kim E. Flesher with my hand this 15 day of March, 2018.
Kim E. Flesher

State of Illinois
County of McLean

On this 15th day of March, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, 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 May 10, 2021



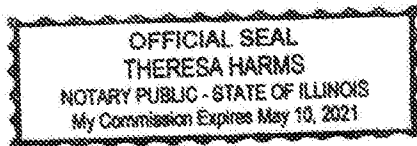
Theresa Harms
Notary Public Signature

ASSIGNOR *Travis Charles Runge* with my hand this 11 day of April, 2018.
State of Illinois
County of McLean

On this 11th day of April, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, 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: May 10, 2021

Theresa Harms
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 4/12/2018
Signature Date

ASSIGNMENT

SCHEDULE A

Application No.	Filing Date	Title	Docket Number
62/555,030	September 6, 2017	Using a Blockchain for the Subrogation Claim Process	32060/52382P
62/554,907	September 6, 2017	Blockchain-Based Claim Handling	32060/52382P2
62/555,358	September 7, 2017	Using a Blockchain for the Subrogation Claim Process	32060/52382P3
62/595,803	December 7, 2017	Evidence Oracles	32060/52382PA
62/595,823	December 7, 2017	Using a Distributed Ledger for Subrogation Recommendations	32060/52382PB
62/598,246	December 13, 2017	Using a Distributed Ledger for Line Item Determination	32060/52382PC
62/609,786	December 22, 2017	Vehicle Creation of a Subrogation Distributed Ledger	32060/52382PD
62/609,800	December 22, 2017	Using a Distributed Ledger to Determine Fault in Subrogation	32060/52382PE
62/609,611	December 22, 2017	Using Vehicle Mode for Subrogation on a Distributed Ledger	32060/52382PF
62/609,644	December 22, 2017	Using Historical Data for Subrogation on a Distributed Ledger	32060/52382PG
15/955,777	April 18, 2018	Evidence Oracles	32060/52382A
15/955,802	April 18, 2018	Using a Distributed Ledger for Subrogation Recommendations	32060/52382B
15/956,541	April 18, 2018	Using a Distributed Ledger for Line Item Determination	32060/52382C
15/956,558	April 18, 2018	Vehicle Creation of a Subrogation Distributed Ledger	32060/52382D
15/956,578	April 18, 2018	Using a Distributed Ledger to Determine Fault in Subrogation	32060/52382E
15/957,243	April 19, 2018	Using Vehicle Mode for Subrogation on a Distributed Ledger	32060/52382F
15/957,438	April 19, 2018	Using Historical Data for Subrogation on a Distributed Ledger	32060/52382G