

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5204126

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AMBER WYATT	11/01/2017
CHRIS RAY	11/01/2017
ASHISH SAWHNEY	11/01/2017
TIM HUSARIK	11/01/2017
JOSE GONZALEZ	04/15/2018
TRACEY HERRING	12/11/2017
HOLLY LAMBERT	12/11/2017
STEPHEN TINGLESTAD	11/01/2017
JASON BECKMAN	11/08/2017
ANDREA FOSTER	12/12/2017
JOHN FREYMANN	11/01/2017
SHANE TOMLINSON	11/01/2017
AKILAH HUGINE	12/11/2017
DANIEL GREEN	11/01/2017
ERIC BROWN	12/05/2017

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: 1

Property Type	Number
Application Number:	16169547

CORRESPONDENCE DATA

Fax Number: (314)621-2307

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: 314-621-5070

Email: uspatents@armstrongteasdale.com
Correspondent Name: ARMSTRONG TEASDALE LLP
Address Line 1: 7700 FORSYTH BLVD., SUITE 1800
Address Line 4: ST. LOUIS, MISSOURI 63105-1847

ATTORNEY DOCKET NUMBER: 34676-00141-NP1

NAME OF SUBMITTER: DANIEL M. FITZGERALD

SIGNATURE: /Daniel M. Fitzgerald/

DATE SIGNED: 10/24/2018

Total Attachments: 17

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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 above-mentioned inventions, applications for Letters Patent (including those listed in Schedule A attached), 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, non-provisionals, 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 the Provisional and Non-Provisional Applications listed in the attached 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 date and application number 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 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.

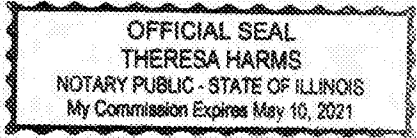
WITNESS *Amber Wyatt* with my hand this 1 day of November 2017
Amber Wyatt

State of ILLINOIS
County of McLean

On this 1st day of November, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, Amber Wyatt, 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/she executed said instrument as his/her 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



WITNESS Chris Ray with my hand this 1 day of November, 2017
Chris Ray

State of Illinois
County of McLean

On this 1st day of November, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, Chris Ray, 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/she executed said instrument as his/her 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



WITNESS [Signature] with my hand this 1 day of November, 2017
Ashish Sawhney

State of Illinois
County of McLean

On this 1st day of November, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, Ashish Sawhney, 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/she executed said instrument as his/her 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

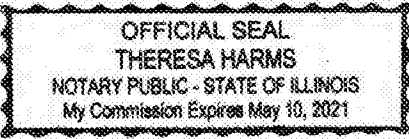


WITNESS Tim Husarik with my hand this 1 day of November 2017

State of Illinois
County of McLean

On this 1st day of November, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, Tim Husarik, 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/she executed said instrument as his/her 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



ASSIGNOR Jose Gonzalez with my hand this 15th day of April, 2018.
Jose Gonzalez

State of Florida
County of Miami-Dade

On this 15th day of April, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, Jose Gonzalez, 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/she executed said instrument as his/her 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: _____

Mara Atwood
Notary Public



MARA ATWOOD
MY COMMISSION # FF 235929
EXPIRES: July 25, 2019
Bonded Thru Budget Notary Services

WITNESS Tracey Herring with my hand this 11 day of December 2017

State of Georgia
County of Dekalb

On this 11th day of December, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, **Tracey Herring**, 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/she executed said instrument as his/her 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: Sept 18, 2018

Chinyere O. Nsiegbe
Notary Public

CHINYERE O NSIEGBE
NOTARY PUBLIC
Dekalb County
State of Georgia
My Comm. Expires Sept. 18, 2018

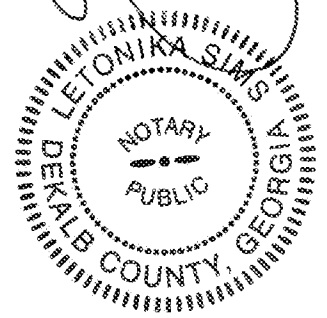
WITNESS Holly Lambert with my hand this 11 day of December, 2017
Holly Lambert

State of Georgia
County of DeKalb

On this 11th day of December, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, Holly Lambert, 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/she executed said instrument as his/her 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: Apr. 14, 2018

[Signature]
Notary Public



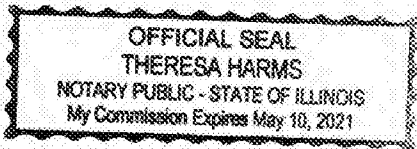
WITNESS Stephen Tinglestad with my hand this 1 day of November, 2017
Stephen Tinglestad

State of Illinois
County of McLean

On this 1st day of November, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, **Stephen Tinglestad**, 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/she executed said instrument as his/her 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



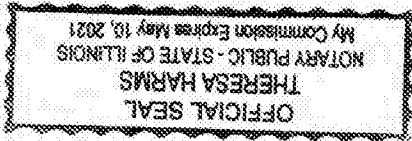
WITNESS [Signature] with my hand this 8 day of November 2017
Jason Beckman

State of Illinois
County of McLean

On this 8th day of November, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, Jason Beckman, 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/she executed said instrument as his/her 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



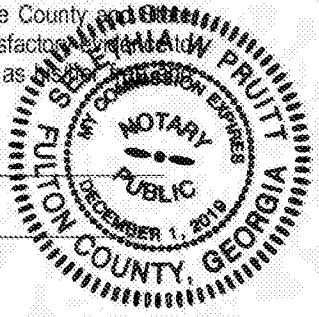
WITNESS Andrea Foster with my hand this 10th day of December, 2017.

State of Georgia
County of Fulton

On this 10th day of December, 2017, before me, a Notary Public in and for the County of Fulton aforesaid, appeared Assignor, **Andrea Foster**, 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/she executed said instrument as a 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:

[Signature]
Notary Public



WITNESS John Freymann with my hand this 1st day of November, 2017.
John Freymann

State of ILLINOIS
County of MCLEEN

On this 1st day of November, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, John Freymann, 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/she executed said instrument as his/her 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



WITNESS Shane Tomlinson with my hand this 1 day of NOVEMBER, 2017
Shane Tomlinson

State of ILLINOIS
County of MCLEON

On this 1st day of NOVEMBER, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, Shane Tomlinson, 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/she executed said instrument as his/her 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 NOV 10, 2021

Theresa Harms
Notary Public



WITNESS Akilah Hugine with my hand this 11 day of December 2017.

State of Georgia
County of Cobb

On this 11th day of December, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, Akilah Hugine, 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/she executed said instrument as his/her 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 4, 2020

CHEYENNE SKIRVIN
NOTARY PUBLIC
Cobb County
State of Georgia
My Commission Expires June 4, 2020

Cheyenne Skirvin
Notary Public
Cheyenne Skirvin

WITNESS [Signature] with my hand this 1 day of Nov., 2017.
Daniel Green

State of Illinois
County of McHenry

On this 1st day of November, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, Daniel Green, 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/she executed said instrument as his/her 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



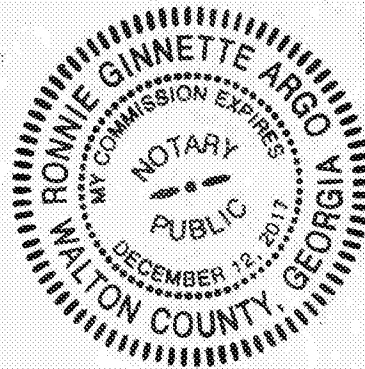
WITNESS Eric Brown with my hand this 5 day of December 2017
Eric Brown

State of Georgia
County of Walton

On this 5 day of December, 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor, Eric Brown, 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/she executed said instrument as his/her 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: 12.12.2017

Ronnie Ginnette Argo
Notary Public



On behalf of the Assignee, Robin Fahberg, Counsel, Intellectual Property & Innovation, State Farm Mutual Automobile Insurance Company,
Name Title

herby confirms Assignee's acceptance of all rights, privileges, titles and interests conveyed by this assignment.

Robin L. Fahberg 5/18/18
Signature Date

SCHEDULE - A

AT Docket No.	Serial No.:	Filing Date:	Title:
34676-00141	62/576,704	10/25/2017	SYSTEMS AND METHODS FOR PERFORMING REPAIRS TO A VEHICLE
34766-00214	16/169,547	10/24/2018	SYSTEMS AND METHODS FOR PERFORMING REPAIRS TO A VEHICLE