

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5911473

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	NATHAN L. TOFTE	10/28/2015
	TIMOTHY W. RYAN	11/03/2015
	NATHAN W. BAUMANN	11/04/2015
	MICHAEL SHAWN JACOB	10/21/2015
	JOSHUA LITTLE	10/21/2015
	BRIAN N. HARVEY	10/15/2015
	ROXANNE LYONS	10/28/2015
	ROSEMARIE GEIER GRANT	10/27/2015
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:	16294340
CORRESPONDENCE DATA		
Fax Number:	(317)237-1000	
<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>		
Phone:	317-237-0300	
Email:	int eas@faegrebd.com	
Correspondent Name:	YOOGIN JUNG	
Address Line 1:	300 NORTH MERIDIAN STREET, SUITE 2500	
Address Line 4:	INDIANAPOLIS, INDIANA 46204	
ATTORNEY DOCKET NUMBER:	SF-32060/48788G-CON2	
NAME OF SUBMITTER:	YOOJIN JUNG/	
SIGNATURE:	/yoojin jung/	

DATE SIGNED:	01/15/2020
Total Attachments: 6 source=20200115_SF-32060-48788G-CON2_Assignment#page1.tif source=20200115_SF-32060-48788G-CON2_Assignment#page2.tif source=20200115_SF-32060-48788G-CON2_Assignment#page3.tif source=20200115_SF-32060-48788G-CON2_Assignment#page4.tif source=20200115_SF-32060-48788G-CON2_Assignment#page5.tif source=20200115_SF-32060-48788G-CON2_Assignment#page6.tif	

MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, 6300 Willis Tower, Chicago, Illinois 60606-6357

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, 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 as identified in the attached Schedule A, 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 the application listed above is or was made or authorized to be made by it. Each of the undersigned authorizes the attorneys of record in the application listed above to insert in this assignment the filing date and application number of the application listed above 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 application listed above. 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.

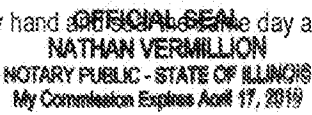
Except in favor of Assignee, each of the undersigned warrants that: (i) it is the owner of all its rights, titles and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there 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 application listed above 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 Nathan L. Tofte with my hand this 28 day of October, 2015.
Nathan L. Tofte

State of Illinois
County of McLean

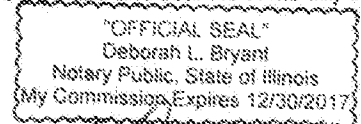
On this 28 day of October, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor Nathan L. Tofte, known to me personally or proved to me on the basis of satisfactory evidence to be the same person who appeared before me, and acknowledged that he executed said instrument 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: 9/10/19

Nathan Vermillion
Notary Public Signature

WITNESS Timothy W. Ryan with my hand this 3rd day of Nov, 2015.
Timothy W. Ryan

State of Illinois
County of McLean

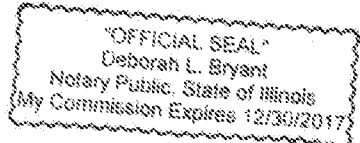
On this 3 day of November, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor Timothy W. Ryan, known to me personally or proved to me on the basis of satisfactory evidence to be the same person who appeared before me, and acknowledged that he executed said instrument 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: 12/30/17

Deborah L. Bryant
Notary Public Signature

WITNESS Nathan W. Baumann with my hand this 4 day of Nov, 2015.
Nathan W. Baumann

State of Illinois
County of McLean

On this 4 day of November, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor Nathan W. Baumann, 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.

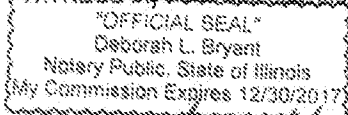
WITNESS my hand and seal the same day and year last above given. My commission expires: 12/30/17

Deborah L. Bryant
Notary Public Signature

WITNESS Michael Shawn Jacob with my hand this 21 day of October, 2015.
Michael Shawn Jacob

State of Illinois
County of McLean

On this 21 day of October, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Michael Shawn Jacob**, 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: 12/30/17



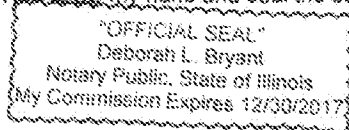
Deborah L Bryant
Notary Public Signature

WITNESS Joshua David Lillie with my hand this 21 day of October, 2015.
Joshua David Lillie

State of Illinois
County of McLean

On this 21 day of October, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Joshua David Lillie** 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: 12/30/17



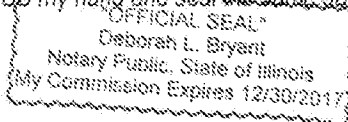
Deborah L Bryant
Notary Public Signature

WITNESS Brian N. Harvey with my hand this 15th day of October, 2015.
Brian N. Harvey

State of Illinois
County of McLean

On this 15 day of October, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Brian N. Harvey**, 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: 12/30/17



Deborah L Bryant
Notary Public Signature

WITNESS Roxane Lyons with my hand this 28 day of October, 2015.
Roxane Lyons

State of Illinois
County of McLean

On this 28 day of October, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Roxane Lyons** 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 she executed said instrument as 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: 4/17/19

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

Nathan Vermillion
Notary Public Signature

WITNESS Rosemarie Geier Grant with my hand this 27 day of October, 2015.
Rosemarie Geier Grant

State of Illinois
County of McLean

On this 27 day of October, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Rosemarie Geier Grant** 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 she executed said instrument as 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: 12/30/17

OFFICIAL SEAL
Deborah L. Bryant
Notary Public, State of Illinois
My Commission Expires 12/30/2017

Deborah L. Bryant
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 11/4/2015
Signature Date

ASSIGNMENT

SCHEDULE A

Application No.	Filing Date	Title	Docket Number
62/209,963	8/26/2015	DISASTER DAMAGE ANALYSIS AND LOSS MITIGATION IMPLEMENTING UNMANNED AERIAL VEHICLES (UAVS)	32060/48788PA
62/207,421	8/20/2015	INSURANCE UNDERWRITING AND RE-UNDERWRITING IMPLEMENTING UNMANNED AERIAL VEHICLES (UAVS)	32060/48788PB
62/207,127	8/19/2015	ACCIDENT RECONSTRUCTION IMPLEMENTING UNMANNED AERIAL VEHICLES (UAVS)	32060/48788PC
62/209,755	8/25/2015	SYSTEMS AND METHODS OF UTILIZING UNMANNED VEHICLES TO DETECT INSURANCE CLAIM BUILDUP	32060/48788PE
62/209,627	8/25/2015	SYSTEMS AND METHODS FOR USING DATA COLLECTED FROM UNMANNED AERIAL VEHICLES TO PRE-GENERATE CLAIMS FOR INSURED APPROVAL	32060/48788PF
62/208,201	8/21/2015	LOSS MITIGATION IMPLEMENTING UNMANNED AERIAL VEHICLES (UAVS)	32060/48788PG
62/053,519	9/22/2014	METHODS OF IMPLEMENTING UNMANNED AERIAL VEHICLES	32060/48788P
14/858,034	09/18/2015	DISASTER DAMAGE ANALYSIS AND LOSS MITIGATION IMPLEMENTING UNMANNED AERIAL VEHICLES (UAVS)	32060/48788A
14/858,075	09/18/2015	INSURANCE UNDERWRITING AND RE-UNDERWRITING IMPLEMENTING UNMANNED AERIAL VEHICLES (UAVS)	32060/48788B
14/858,038	09/18/2015	ACCIDENT RECONSTRUCTION IMPLEMENTING UNMANNED AERIAL VEHICLES (UAVS)	32060/48788C
14/824,859	8/12/2015	ACCIDENT FAULT DETERMINATION IMPLEMENTING UNMANNED AERIAL VEHICLES (UAVS)	32060/48788D
14/858,052	09/18/2015	ACCIDENT FAULT DETERMINATION IMPLEMENTING UNMANNED AERIAL VEHICLES (UAVS)	32060/48788D2
14/858,699	09/18/2015	SYSTEMS AND METHODS OF UTILIZING UNMANNED VEHICLES TO DETECT INSURANCE CLAIM BUILDUP	32060/48788E
14/858,073	09/18/2015	UNMANNED AERIAL VEHICLE (UAV) DATA COLLECTION & CLAIM PRE-GENERATION FOR INSURED APPROVAL	32060/48788F
14/858,076	09/18/2015	LOSS MITIGATION IMPLEMENTING UNMANNED AERIAL VEHICLES (UAVS)	32060/48788G

14/858,058	09/18/2015	THEFT IDENTIFICATION AND INSURANCE CLAIM ADJUSTMENT USING DRONE DATA	32060/48788H
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