

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5802441

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BLAKE KONRARDY	04/14/2015
GREGORY HAYWARD	04/22/2015
W. SCOTT FARRIS	04/16/2015
SCOTT T. CHRISTENSEN	05/01/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY
<b>Street Address:</b>	ONE STATE FARM PLAZA - A-3
<b>City:</b>	BLOOMINGTON
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	61710
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16672868
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	317-237-0300
<b>Email:</b>	int eas@faegrebd.com
<b>Correspondent Name:</b>	ZI YIE
<b>Address Line 1:</b>	300 NORTH MERIDIAN STREET, SUITE 2500
<b>Address Line 4:</b>	INDIANAPOLIS, INDIANA 46204
<b>ATTORNEY DOCKET NUMBER:</b>	SF-32060/48440J-CON3
<b>NAME OF SUBMITTER:</b>	ZI YIE
<b>SIGNATURE:</b>	/zi yie/
<b>DATE SIGNED:</b>	11/04/2019
<b>Total Attachments: 5</b>	
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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, 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 the application 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 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.

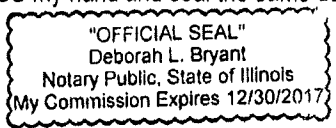
Except in favor of Assignee, each of the undersigned warrants that: (i) it is the owner of all its rights, titles and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there 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 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 Blake Konrardy with my hand this 14 day of April, 2015.  
Blake Konrardy  
State of Illinois  
County of McLean

On this 14 day of April, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Blake Konrardy**, 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 \_\_\_\_\_ with my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2015.  
**Scott T. Christensen**  
State of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_ day of \_\_\_\_\_, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Scott T. Christensen**, 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.

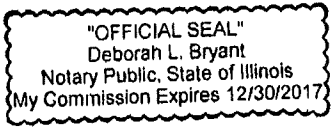
WITNESS my hand and seal the same day and year last above given. My commission expires: \_\_\_\_\_

\_\_\_\_\_  
Notary Public Signature

WITNESS Gregory Hayward with my hand this 22 day of April, 2015.  
Gregory Hayward  
State of Illinois  
County of McLean

On this 22 day of April, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Gregory Hayward**, 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 \_\_\_\_\_ with my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

**Blake Konrardy**

State of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Blake Konrardy**, 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: \_\_\_\_\_

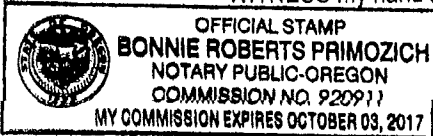
\_\_\_\_\_  
Notary Public Signature

WITNESS Scott Christensen with my hand this 1 day of May, 2015.  
Scott T. Christensen

State of OREGON  
County of Marion

On this 1 day of May, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Scott T. Christensen**, 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: 10/3/2017



Bonnie Roberts Primozych  
Notary Public Signature

WITNESS \_\_\_\_\_ with my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

**Gregory Hayward**

State of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Gregory Hayward**, 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: \_\_\_\_\_

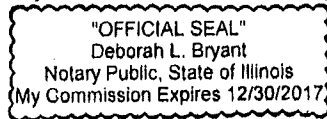
\_\_\_\_\_  
Notary Public Signature

WITNESS W Scott Farris with my hand this 16 day of April, 2015.  
Scott Farris

State of Illinois  
County of McLean

On this 16 day of April, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Scott Farris**, 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

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 5/14/2015  
Signature Date

ASSIGNMENT

SCHEDULE A

Application No.	Filing Date	Title	Docket Number
14/713,271	May 15, 2015	FULLY AUTONOMOUS VEHICLE INSURANCE PRICING	32060/48440A
14/713,184	May 15, 2015	AUTONOMOUS VEHICLE INSURANCE PRICING	32060/48440B
14/713,188	May 15, 2015	AUTONOMOUS FEATURE USE MONITORING AND INSURANCE PRICING	32060/48440C
14/713,194	May 15, 2015	AUTONOMOUS COMMUNICATION FEATURE USE AND INSURANCE PRICING	32060/48440D
14/713,201	May 15, 2015	AUTONOMOUS VEHICLE INSURANCE PRICING AND OFFERING BASED UPON ACCIDENT RISK FACTORS	32060/48440E
14/713,206	May 15, 2015	DETERMINING AUTONOMOUS VEHICLE TECHNOLOGY PERFORMANCE FOR INSURANCE PRICING AND OFFERING	32060/48440F
14/713,214	May 15, 2015	ACCIDENT RISK MODEL DETERMINATION USING AUTONOMOUS VEHICLE OPERATING DATA	32060/48440G
14/713,217	May 15, 2015	AUTONOMOUS VEHICLE OPERATION FEATURE USAGE RECOMMENDATIONS	32060/48440H
14/713,223	May 15, 2015	DRIVER FEEDBACK ALERTS BASED UPON MONITORING USE OF AUTONOMOUS VEHICLE OPERATION FEATURES	32060/48440I
14/713,226	May 15, 2015	ACCIDENT RESPONSE USING AUTONOMOUS VEHICLE MONITORING	32060/48440J
14/713,230	May 15, 2015	ACCIDENT FAULT DETERMINATION FOR AUTONOMOUS VEHICLES	32060/48440K
14/713,237	May 15, 2015	AUTONOMOUS VEHICLE TECHNOLOGY EFFECTIVENESS DETERMINATION FOR INSURANCE PRICING	32060/48440L
14/713,240	May 15, 2015	FAULT DETERMINATION WITH AUTONOMOUS FEATURE USE MONITORING	32060/48440M
14/713,244	May 15, 2015	AUTONOMOUS VEHICLE OPERATION FEATURE EVALUATION	32060/48440N
14/713,249	May 15, 2015	AUTONOMOUS VEHICLE OPERATION FEATURE MONITORING AND EVALUATION OF EFFECTIVENESS	32060/48440O
14/713,254	May 15, 2015	ACCIDENT FAULT DETERMINATION FOR AUTONOMOUS VEHICLES	32060/48440Q
14/713,261	May 15, 2015	ACCIDENT FAULT DETERMINATION FOR AUTONOMOUS VEHICLES	32060/48440R
14/713,266	May 15, 2015	AUTONOMOUS VEHICLE OPERATION FEATURE MONITORING AND EVALUATION OF EFFECTIVENESS	32060/48440S