

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6215254

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRIAN MARK FIELDS	09/07/2016
STEVEN C. CIELOCHA	09/07/2016
JACOB J. ALT	09/14/2016
LAURA A. UPHOFF	09/07/2016
LEO NELSON CHAN	09/07/2016
MOHAMED A. WAZEER	11/04/2016
KRISTOPHER KEITH GAUDIN	09/07/2016
JUSTIN DAVIS	09/07/2016
NATHAN W. BAUMANN	09/07/2016
GILES ROLL	11/07/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY
<b>Street Address:</b>	ONE STATE FARM PLAZA
<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>
Application Number:	16854543
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)474-0448
<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>	(312)474-6300
<b>Email:</b>	docket@marshallip.com, nabila@marshallip.com, mgreene@marshallip.com
<b>Correspondent Name:</b>	MARSHALL, GERSTEIN & BORUN LLP
<b>Address Line 1:</b>	233 SOUTH WACKER DRIVE
<b>Address Line 2:</b>	6300 WILLIS TOWER
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60606

<b>ATTORNEY DOCKET NUMBER:</b>	32060/50006ACON4
<b>NAME OF SUBMITTER:</b>	RYAN N. PHELAN
<b>SIGNATURE:</b>	/Ryan N. Phelan/
<b>DATE SIGNED:</b>	07/23/2020

**Total Attachments: 15**

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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 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.

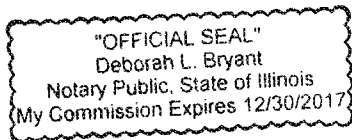
Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration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

WITNESS Brian Mark Fields with my hand this 7<sup>th</sup> day of September, 2016.

State of Illinois  
County of McLean

On this 7 day of September, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor B.M. Fields, 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



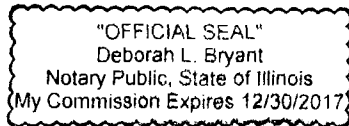
Deborah L Bryant  
Notary Public Signature

WITNESS Steven C. Cielocha with my hand this 7 day of Sept, 2016.  
Steven C. Cielocha

State of Illinois  
County of McLean

On this 7 day of September, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor Steven C. Cielocha, 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



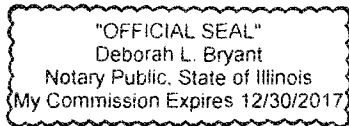
Deborah R Bryant  
Notary Public Signature

WITNESS Jacob J. Alt with my hand this 14 day of September, 2016.  
Jacob J. Alt

State of Illinois  
County of McLean

On this 14 day of September, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor J J Alt, 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



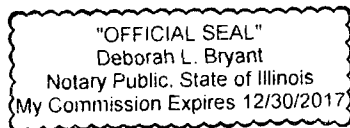
Deborah L Bryant  
Notary Public Signature

WITNESS Laura A. Uphoff with my hand this 7<sup>th</sup> day of September, 2016.  
Laura A. Uphoff

State of Illinois  
County of McLean

On this 7 day of September, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor L. A. Uphoff, 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



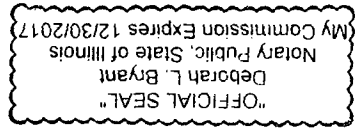
Deborah L. Bryant  
Notary Public Signature

WITNESS [Signature] with my hand this 7 day of SEPTEMBER, 2016.  
Leo Chan LC LEO NELSON CHAN

State of Illinois  
County of McLean

On this 7 day of September, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor LN Chan, 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



[Signature]  
Notary Public Signature

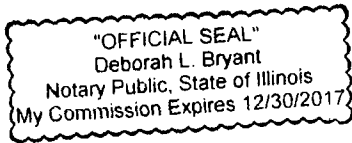


WITNESS *[Signature]* with my hand this 4 day of November, 2016.  
Mohamed A. Wazeer

State of Illinois  
County of McLean

On this 4 day of November, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor M.A. Wazeer, 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



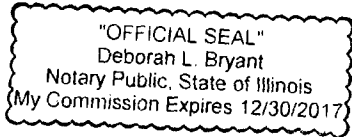
*Deborah L Bryant*  
Notary Public Signature

WITNESS Deborah L. Bryant with my hand this 7<sup>th</sup> day of September, 2016.  
Kristopher Keith Gaudin

State of Illinois  
County of McLean

On this 7 day of September, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor KK Gaudin, 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



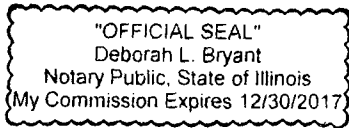
Deborah L. Bryant  
Notary Public Signature

WITNESS Justin Davis with my hand this 7 day of September, 2016.

State of Illinois  
County of McLean

On this 7 day of September, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor J DAVIS, 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



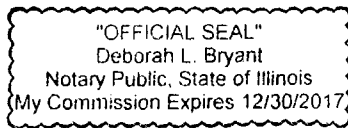
Deborah L Bryant  
Notary Public Signature

WITNESS Nathan W. Baumann with my hand this 7 day of September, 2016.  
Nathan W. Baumann

State of Illinois  
County of McLean

On this 7 day of September, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor N.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 Giles Roll with my hand this 7 day of November, 2016.  
Giles Roll

State of Illinois  
County of McLean

On this 7 day of November, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor Anette 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



I the undersigned, **Anette Christiansen**, Notary Public of Copenhagen,  
Denmark hereby certify that

**Mr. Theodore Giles Roll**

has approved and signed this document in my presence.

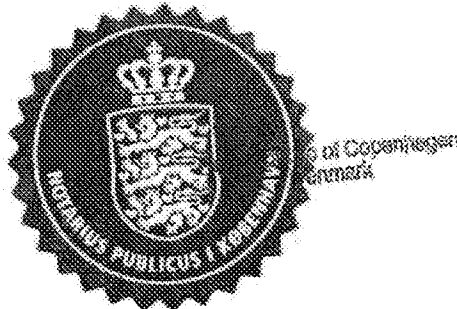
The identity was proved to me by passport.

There were no obvious amendments or additions to the document, with  
the exception of those denoted by my signature (initials).

In witness whereof I have hereunto set my hand and notarial seal.

**The City Court of Copenhagen, Notarial Acts Division, 7.11.2016.**

  
**Anette Christiansen**  
Notary Public of Copenhagen, Denmark





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      11/29/2016  
Signature                      Date

ASSIGNMENT

SCHEDULE A

Application No.	Filing Date	Title	Docket Number
62/211,337	August 28, 2015	CONNECTED VEHICLE TELEMATICS DATA GENERATION AND BROADCASTING TO NEARBY VEHICLES AND INFRASTRUCTURE	32060/50006P
62/262,671	December 3, 2015	CONNECTED VEHICLE TELEMATICS DATA GENERATION AND BROADCASTING TO NEARBY VEHICLES AND INFRASTRUCTURE	32060/50006P2
62/296,839	February 18, 2016	CONNECTED VEHICLE TELEMATICS DATA GENERATION AND BROADCASTING TO NEARBY VEHICLES AND INFRASTRUCTURE	32060/50006P3
62/367,460	July 27, 2016	VEHICULAR TRAFFIC ALERTS FOR AVOIDANCE OF ABNORMAL TRAFFIC CONDITIONS	32060/50006PA
62/367,466	July 27, 2016	USING PERSONAL TELEMATICS DATA FOR RENTAL OR INSURANCE DISCOUNTS	32060/50006PB
62/367,467	July 27, 2016	VEHICULAR ACCIDENT RISK MONITORING AND ASSESSMENT	32060/50006PC
62/367,470	July 27, 2016	SHARED VEHICLE USAGE, MONITORING AND FEEDBACK	32060/50006PD
62/367,474	July 27, 2016	VEHICULAR DRIVER EVALUATION	32060/50006PE
62/367,479	July 27, 2016	VEHICULAR DRIVER WARNINGS	32060/50006PF
62/369,531	August 1, 2016	VEHICULAR WARNINGS BASED UPON PEDESTRIAN OR CYCLIST PRESENCE	32060/50006PG
62/369,537	August 1, 2016	DETERMINATION OF DRIVER OR VEHICLE DISCOUNTS AND RISK PROFILES BASED UPON VEHICULAR TRAVEL ENVIRONMENT	32060/50006PH
62/369,552	August 1, 2016	DETERMINATION AND RECONSTRUCTION OF VEHICULAR CAUSE AND COLLISION	32060/50006PI
62/369,563	August 1, 2016	ELECTRIC VEHICLE BATTERY CONSERVATION	32060/50006PJ
62/369,577	August 1, 2016	VEHICULAR DRIVER PROFILES AND DISCOUNTS	32060/50006PK
15/241,769	August 19, 2016	VEHICULAR TRAFFIC ALERTS FOR AVOIDANCE OF ABNORMAL TRAFFIC CONDITIONS	32060/50006A
15/241,812	August 19, 2016	USING PERSONAL TELEMATICS DATA FOR RENTAL OR INSURANCE DISCOUNTS	32060/50006B



15/241,817	August 19, 2016	VEHICULAR ACCIDENT RISK MONITORING AND ASSESSMENT	32060/50006C
15/241,826	August 19, 2016	SHARED VEHICLE USAGE, MONITORING AND FEEDBACK	32060/50006D
15/241,832	August 19, 2016	VEHICULAR DRIVER EVALUATION	32060/50006E
15/241,842	August 19, 2016	VEHICULAR DRIVER WARNINGS	32060/50006F
15/241,849	August 19, 2016	VEHICULAR WARNINGS BASED UPON PEDESTRIAN OR CYCLIST PRESENCE	32060/50006G
15/241,859	August 19, 2016	DETERMINATION OF DRIVER OR VEHICLE DISCOUNTS AND RISK PROFILES BASED UPON VEHICULAR TRAVEL ENVIRONMENT	32060/50006H
15/241,916	August 19, 2016	DETERMINATION AND RECONSTRUCTION OF VEHICULAR CAUSE AND COLLISION	32060/50006I
15/241,922	August 19, 2016	ELECTRIC VEHICLE BATTERY CONSERVATION	32060/50006J
15/241,932	August 19, 2016	VEHICULAR DRIVER PROFILES AND DISCOUNTS	32060/50006K