504889690 04/27/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS MICHAEL POTTER	09/27/2016
MARK E. CLAUSS	09/21/2016
DUSTIN RYAN CARTER	09/28/2016
DOUGLAS ALBERT GRAFF	10/13/2016
MEGAN MICHAL BAUMANN	09/21/2016
CRAIG COPE	09/28/2016
JENNIFER LUELLA LAWYER	10/14/2016
CURTIS SIMPSON	10/10/2016
NATHAN W. BAUMANN	09/21/2016

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:	15964971

CORRESPONDENCE DATA

Fax Number: (312)474-0448

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MARSHALL GERSTEIN & BORUN LLP **Correspondent Name:**

233 SOUTH WACKER DRIVE Address Line 1:

Address Line 2: **SUITE 6300**

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ATTORNEY DOCKET NUMBER:	32060/48797JCON3
NAME OF SUBMITTER:	NICHOLAS K. TERRELL

PAIENI **REEL: 045657 FRAME: 0781** 504889690

/Nicholas K. Terrell, Reg. No. 71,868/	
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PATENT REEL: 045657 FRAME: 0782

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 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 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 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.

1

WITNESS Thomas Michael Potter with n	ny hand this 27 day of September, 2016.
State of IIIIOOIS	
County of McLean	
On this 7 day of September, 2016, be State aforesaid, appeared Assignor Thomas Michael Potter, of satisfactory evidence to be the same person who appeared instrument as his free and voluntary act and for the uses and p	before me, and acknowledged that he executed said
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)	Octoret L Bryant Notary Public Signature

WITNESS Mark E Clause with my hand	d this 2/ day of September, 2016.
Mark E. Clauss	
State of Illinois	
County of Mclean	
On this 21 day of September, 2016, before m State aforesaid, appeared Assignor Mark E. Clauss, known to me per satisfactory evidence to be the same person who appeared before me instrument as his free and voluntary act and for the uses and purpose	rsonally or proved to me on the basis of e, and acknowledged that he executed said
WITNESS my hand and seal the same day and year last about	ove given. My commission expires: 12/30 //7
"OFFICIAL SEAL"	Debous & Bryant Notary Public Signature

WITNESS Dustin Ryan Carter	with my hand this 28th day of soptember 2016.
State of Tlinois	
County of McLean	
On this 25 day of State aforesaid, appeared Assignor Dustin Ryan Car satisfactory evidence to be the same person who appears instrument as his free and voluntary act and for the us	, 2016, before me, a Notary Public in and for the County and ter, known to me personally or proved to me on the basis of eared before me, and acknowledged that he executed said es and purposes therein expressed.
WITNESS my hand and seal the same day a	and year last above given. My commission expires: 12/30/17
"OFFICIAL SEAL" Deborah L. Bryant Notary Public, State of Illinois (My Gommission Expires 12/30/2017	Notary Public Signature

WITNESS Down A July with my hand this 13th day of October 2016. State of The County of Mark and the State of
State of
County of Mclean
On this day of October, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor Douglas Albert Graff, 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: (2/30)
"OFFICIAL SEAL" Deborah L. Bryant Notary Public, State of Illinois My Commission Expires 12/30/2017

Megan Michal Baumann	with my hand this 21 day of Suptember, 2016.
State of Illino is	
County of McLean	
of satisfactory evidence to be the same person who apprintsrument as her free and voluntary act and for the use	2016, before me, a Notary Public in and for the County and umann, known to me personally or proved to me on the basis peared before me, and acknowledged that she executed said as and purposes therein expressed. Indeed, when the county and purpose in the basis peared before me, and acknowledged that she executed said as and purposes therein expressed. Indeed, when the county and the basis peared before me, and acknowledged that she executed said as and purposes therein expressed.
WITNESS my hand and seal the same day an	id year last above given. My commission expires: 11 111 /
OFFICIAL SEAL	Nathan Vernatt Notary Public Signature
NATHAN VERMILLION	

NOTARY PUBLIC - STATE OF ILLINOIS My Commission Expires April 17, 2019

6

WITNESS Craig Cope	with my hand this 29 day of 54, 2016.
State of HUNDIS	
County of MCLLAN	
On this day of Translation, 20 State aforesaid, appeared Assignor Craig Cope, known to satisfactory evidence to be the same person who appeared instrument as his free and voluntary act and for the uses a	ed before me, and acknowledged that he executed said
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	Deboras L Bryant Notary Public Signature

WITNESS Jennifer Lucila Lawyer State of Tilinois County of McLean	with my hand this <u>) \ day of October</u> , 2016.
of satisfactory evidence to be the same person who appe instrument as her free and voluntary act and for the uses	yer, known to me personally or proved to me on the basis ared before me, and acknowledged that she executed said and purposes therein expressed. year last above given. My commission expires: 230/17
"OFFICIAL SEAL" Deborah L. Bryant Notary Public, State of Illinois (My Commission Expires 12/30/2017)	Ochouh & Bryant Notary Public Signature

WITNESS Curtis Simpson	with my hand this 10 day of October, 2016.
State of Illinois County of McLean	~ ~
On this 2 day of Curtis Si State aforesaid, appeared Assignor Curtis Si satisfactory evidence to be the same person instrument as his free and voluntary act and for	
WITNESS my hand and seal the sal	me day and year last above given. My commission expires: レスノスロー
"OFFICIAL SEAL" Deborah L. Bryant Notary Public, State of Illinois My Gommission Expires 12/30/2017	Notary Public Signature

WITNESS NATHAN W. BALLMANN with my ha	
WITNESS NATHAN W. BALLMANN with my ha	nd this 21 day of September, 2016.
· Nathan W. Baumann	•
State of	
County of McLean	
On this <u>31</u> day of <u>September</u> , 2016, before State aforesaid, appeared Assignor Nathan W. Baumann , known to satisfactory evidence to be the same person who appeared before r instrument as his free and voluntary act and for the uses and purpos	o me personally or proved to me on the basis of ne, and acknowledged that he executed said
WITNESS my hand and seal the same day and year last a	above given. My commission expires: $\frac{12/30}{17}$
"OFFICIAL SEAL" Deborah L. Bryant Notary Public, State of Illinois (My Commission Expires 12/30/2017)	Delivat & Bryant Notary Public Signature

On behal	f of the Assignee, Timothy	Le Duc, Cour	nsel, State Farm N	<u> Automobile Ins</u>	surance Company
	Name			Title	
hereby confirms As	ssignee's acceptance of all	rights, privile	ges, titles and inte	erests conveyed by th	is assignment.
9	ssigned's acceptance of all	10/31/	2016		
Signature	/	Date		•	

SCHEDULE A

Application No.	Filing Date	Title	Docket Number
14/798,741	July 14, 2015	METHODS OF DETERMINING ACCIDENT CAUSE AND/OR FAULT USING TELEMATICS DATA	32060/48797A
14/798,745	July 14, 2015	METHODS OF RECONSTRUCTING AN ACCIDENT SCENE USING TELEMATICS DATA	32060/48797B
14/798,750	July 14, 2015	METHODS OF INSURANCE CLAIM BUILDUP DETECTION USING TELEMATICS DATA	32060/48797C
14/798,757	July 14, 2015	METHODS OF FACILITATING EMERGENCY ASSISTANCE	32060/48797D
14/798,763	July 14, 2015	METHODS OF INTELLIGENT ROUTING	32060/48797E
14/798,609	July 14, 2015	METHODS OF PROVIDING INSURANCE SAVINGS BASED UPON TELEMATICS AND ANONYMOUS DRIVER DATA	32060/48797F
14/798,615	July 14, 2015	METHODS OF PROVIDING INSURANCE SAVINGS BASED UPON TELEMATICS AND DRIVING BEHAVIOR IDENTIFICATION	32060/48797G
14/798,626	July 14, 2015	METHODS OF PROVIDING INSURANCE SAVINGS BASED UPON TELEMATICS AND DRIVING BEHAVIOR IDENTIFICATION	32060/48797H
14/798,633	July 14, 2015	METHODS OF PROVIDING INSURANCE SAVINGS BASED UPON TELEMATICS AND INSURANCE INCENTIVES	32060/48797i
14/798,769	July 14, 2015	METHODS OF THEFT PREVENTION OR MITIGATION	32060/48797J
14/798,770	July 14, 2015	METHODS OF PRE-GENERATING INSURANCE CLAIMS	32060/48797K

12

PATENT REEL: 045657 FRAME: 0794

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 with my hand this day of February 2016. State of COLORIPOO
County of TERSON
On this 3 day of February, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor Atlanta Bonnom, 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:
(hi Barres)
LISA BARNES NOTARY PUBLIC STATE OF COLORADO NOTARY ID 20004003391 MY COMMISSION EXPIRES 02/05/2016

On behalf of the Assignee, Timothy Le Duc, Counsel, State Farm Mutual Automobile Insurance Company, Name

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

SCHEDULE A

Filing Date	Title	Docket Number
July 14, 2015		32060/48797A
July 14, 2015	METHODS OF RECONSTRUCTING AN	32060/48797B
July 14, 2015	METHODS OF INSURANCE CLAIM	32060/48797C
July 14, 2015	METHODS OF FACILITATING	32060/48797D
, .	EMERGENCY ASSISTANCE	
July 14, 2015	METHODS OF INTELLIGENT ROUTING	32060/48797E
July 14, 2015	METHODS OF PROVIDING INSURANCE	32060/48797F
July 14, 2015		32060/48797G
	1	
July 14 2015		32060/48797H
outy 11, 2010	SAVINGS BASED UPON TELEMATICS AND	02000/1010111
	USAGE-BASED INSURANCE	
July 14, 2015	METHODS OF PROVIDING INSURANCE	32060/487971
	SAVINGS BASED UPON TELEMATICS AND	
July 14, 2015	I	32060/48797J
July 14, 2015		32060/48797K
	July 14, 2015 July 14, 2015	July 14, 2015 METHODS OF DETERMINING ACCIDENT CAUSE AND/OR FAULT USING TELEMATICS DATA July 14, 2015 METHODS OF RECONSTRUCTING AN ACCIDENT SCENE USING TELEMATICS DATA July 14, 2015 METHODS OF INSURANCE CLAIM BUILDUP DETECTION USING TELEMATICS DATA July 14, 2015 METHODS OF FACILITATING EMERGENCY ASSISTANCE July 14, 2015 METHODS OF INTELLIGENT ROUTING July 14, 2015 METHODS OF PROVIDING INSURANCE SAVINGS BASED UPON TELEMATICS AND ANONYMOUS DRIVER DATA July 14, 2015 METHODS OF PROVIDING INSURANCE SAVINGS BASED UPON TELEMATICS AND DRIVING BEHAVIOR IDENTIFICATION July 14, 2015 METHODS OF PROVIDING INSURANCE SAVINGS BASED UPON TELEMATICS AND USAGE-BASED INSURANCE SAVINGS BASED UPON TELEMATICS AND USAGE-BASED INSURANCE SAVINGS BASED UPON TELEMATICS AND INSURANCE INCENTIVES July 14, 2015 METHODS OF THEFT PREVENTION OR MITIGATION

3

PATENT REEL: 045657 FRAME: 0797