

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAJIV SHAH	09/28/2016
LEO N. CHAN	03/08/2017
KRISTOPHER KEITH GAUDIN	03/08/2017
ROXANE LYONS	03/22/2017
WILLIAM J. LEISE	03/17/2017
EDWARD P. MATESEVAC III	03/15/2017
JENNIFER CRISWELL KELLETT	03/08/2017
STEVEN C. CIELOCHA	03/15/2017
JEREMY MYERS	03/22/2017
MATTHEW S. MEGYESE	03/08/2017
JENNIFER L. CRAWFORD	03/29/2017
JOHN A. NEPOMUCENO	03/22/2017
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:	16996879
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	312-474-6300
Email:	docket@marshallip.com,lfrasher@marshallip.com
Correspondent Name:	MARSHALL, GERSTEIN & BORUN LLP
Address Line 1:	233 SOUTH WACKER DRIVE
Address Line 2:	SUITE 6300, WILLIS TOWER

PATENT

Address Line 4: CHICAGO, ILLINOIS 60606	
ATTORNEY DOCKET NUMBER:	32060/50823-CON5
NAME OF SUBMITTER:	STEPHEN J. KUDLA
SIGNATURE:	/Stephen J. Kudla/
DATE SIGNED:	12/10/2020
Total Attachments: 19 source=50823-CON5_Complete_Assignment#page1.tif source=50823-CON5_Complete_Assignment#page2.tif source=50823-CON5_Complete_Assignment#page3.tif source=50823-CON5_Complete_Assignment#page4.tif source=50823-CON5_Complete_Assignment#page5.tif source=50823-CON5_Complete_Assignment#page6.tif source=50823-CON5_Complete_Assignment#page7.tif source=50823-CON5_Complete_Assignment#page8.tif source=50823-CON5_Complete_Assignment#page9.tif source=50823-CON5_Complete_Assignment#page10.tif source=50823-CON5_Complete_Assignment#page11.tif source=50823-CON5_Complete_Assignment#page12.tif source=50823-CON5_Complete_Assignment#page13.tif source=50823-CON5_Complete_Assignment#page14.tif source=50823-CON5_Complete_Assignment#page15.tif source=50823-CON5_Complete_Assignment#page16.tif source=50823-CON5_Complete_Assignment#page17.tif source=50823-CON5_Complete_Assignment#page18.tif source=50823-CON5_Complete_Assignment#page19.tif	

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 mentioned, and the patent applications for Letters Patent 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, 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 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 [Signature] with my hand this 28 day of Sept, 2016
Rajiv Shah

State of Illinois
County of McLean

On this 28 day of September, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Rajiv Shah**, 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: 4/17/19

[Signature]
Notary Public

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

On behalf of the Assignee, Timothy Le Duc, 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.

[Signature] 9/28/2016
Signature Date

SCHEDULE – A

Docket No.	Filing No.	Filing Date	Title
32060/50601-A-PRO1			Traffic Risk Avoidance for a Route Selection System
32060/50601-A-NP1			Traffic Risk Avoidance for a Route Selection System
32060/50601-B-PRO1			Traffic Risk Notification System
32060/50601-B-NP1			Traffic Risk Notification System
32060/50601-C-PRO1			Risk-Based Engagement and Disengagement of Autonomous Control of a Vehicle
32060/50601-C-NP1			Risk-Based Engagement and Disengagement of Autonomous Control of a Vehicle
32060/50823-PRO1	62/399,803	9/26/2016	Systems and Methods for Control Systems to Facilitate Situational Awareness of a Vehicle
32060/50823-NP1			Systems and Methods for Control Systems to Facilitate Situational Awareness of a Vehicle
32060/50824-PRO1	62/400,215	9/27/16	Networked Vehicle Control Systems to Facilitate Situation Awareness of Vehicles
32060/50824-NP1			Networked Vehicle Control Systems to Facilitate Situation Awareness of Vehicles
32060/51004-PRO1			Systems for Identifying High Risk Parking Lots
32060/51004-NP1			Systems for Identifying High Risk Parking Lots
32060/51005-PRO1			System for Driver's Education
32060/51005-NP1			System for Driver's Education
32060/51006-PRO1			System for Determining Road Slipperiness in Bad Weather Conditions
32060/51006-NP1			System for Determining Road Slipperiness in Bad Weather Conditions
32060/51007-PRO1			System for Adjusting Autonomous Vehicle Driving Behavior to Mimic that of Neighboring/Surrounding Vehicles
32060/51007-NP1			System for Adjusting Autonomous Vehicle Driving Behavior to Mimic that of Neighboring/Surrounding Vehicles


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  with my hand this 8 day of MARCH, 2016⁷.
Leo N. Chan

State of Illinois
County of McLean

On this 8 day of March, 2016^{7th}, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Leo N. 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: 4/17/19


Notary Public Signature

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

WITNESS Kristopher Keith Gaudin with my hand this 8th day of March, 2018.
Kristopher Keith Gaudin

State of Illinois
County of McLean

On this 8 day of March, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Kristopher Keith 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: 4/17/19

Nathan Vermillion
Notary Public Signature

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

WITNESS Roxane Lyons with my hand this 22 day of March, ~~2018~~ ²⁰¹⁷ ²²
Roxane Lyons

State of Illinois
County of McLean

On this 22 day of March, ~~2018~~ ²⁰¹⁷ ^{NV}, 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 William J. Leise with my hand this 17th day of March, 2016

State of Illinois
County of McLean

On this 17 day of March, ^{2017th}~~2016~~, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **William J. Leise**, 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: 4/17/19

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

Nathan Vermillion
Notary Public Signature

WITNESS Edward P. Matesevac, III with my hand this 15 day of MARCH, ^{2PM} 2017
Edward P. Matesevac, III

State of Illinois
County of McLean

On this 15 day of March, ²⁰¹⁷ ~~2016~~, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor Edward P. Matesevac, III, 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: 4/17/19

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

Nathan Vermillion
Notary Public Signature

WITNESS Jennifer Criswell Kellett with my hand this 08 day of March, 2016.
Jennifer Criswell Kellett

State of Illinois
County of McLean

On this 8 day of March, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Jennifer Criswell Kellett**, 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 Steven C. Cielocha with my hand this 15 day of March, ^{2017 SC}~~2018~~.
Steven C. Cielocha

State of Illinois
County of McLean

On this 15 day of March, ^{2017 NV}~~2018~~, 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: 4/17/19

Nathan Vermillion
Notary Public Signature

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

WITNESS

Jeremy Myers

with my hand this

22

day of

March

2017
~~2016~~

State of

Illinois

County of


McLean

On this 22 day of March, ~~2016~~ ²⁰¹⁷, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Jeremy Myers**, 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: 4/17/19

Nathan Vermillion
Notary Public Signature

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

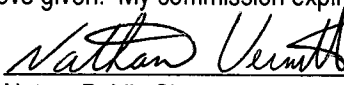
WITNESS  with my hand this 8th day of March, 2017
Matthew S. Megyese

State of Illinois
County of McLean

On this 8 day of March, ^{7th} 2017, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Matthew S. Megyese**, 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: 4/17/19

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


Notary Public Signature

WITNESS *[Signature]* with my hand this 29 day of MARCH, ²⁰¹⁷~~2016~~.
Jennifer L. Crawford

State of Illinois
County of McLean

On this 29 day of March, ²⁰¹⁷~~2016~~, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **Jennifer L. Crawford**, 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

[Signature]
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.

[Signature] 4/7/2017
Signature Date

ASSIGNMENT

SCHEDULE A

Application No.	Filing Date	Title	Docket Number
62/402,042	9/30/2016	Traffic Risk Avoidance for a Route Selection System	32060/50601PA
15/482,290	4/07/2017	Traffic Risk Avoidance for a Route Selection System	32060/50601A
62/402,053	9/30/2016	Traffic Risk Notification System	32060/50601PB
15/482,309	4/07/2017	Traffic Risk Notification System	32060/50601B
62/402,077	9/30/2016	Collision Risk-Based Engagement And Disengagement Of Autonomous Control Of A Vehicle	32060/50601PC
15/482,333	4/07/2017	Collision Risk-Based Engagement And Disengagement Of Autonomous Control Of A Vehicle	32060/50601C
62/399,803	9/26/2017	Systems and Methods for Control Systems to Facilitate Situational Awareness of a Vehicle	32060/50823P
15/482,472	4/07/2017	Systems and Methods for Control Systems to Facilitate Situational Awareness of a Vehicle	32060/50823
62/400,215	9/27/2017	Networked Vehicle Control Systems to Facilitate Situational Awareness of Vehicles	32060/50824P
15/482,524	4/07/2017	Networked Vehicle Control Systems to Facilitate Situational Awareness of Vehicles	32060/50824
62/401,599	9/29/2016	System for Identifying High Risk Parking Lots	32060/51004P
15/482,506	4/07/2017	System for Identifying High Risk Parking Lots	32060/51004
62/401,622	9/29/2016	System for Driver's Education	32060/51005P
15/482,512	4/07/2017	System for Driver's Education	32060/51005
62/401,107	9/28/2016	System for Determining Road Slipperiness in Bad Weather Conditions	32060/51006P
15/482,470	4/07/2017	System for Determining Road Slipperiness in Bad Weather Conditions	32060/51006
62/401,116	9/28/2016	System for Adjusting Autonomous Vehicle Driving Behavior to Mimic that of Neighboring/Surrounding Vehicles	32060/51007P
15/482,473	4/07/2017	System for Adjusting Autonomous Vehicle Driving Behavior to Mimic that of Neighboring/Surrounding Vehicles	32060/51007

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 JOHN NEPOMUCENO with my hand this 22nd day of MARCH, ~~2016~~ ²⁰¹⁷
John A. Nepomuceno

State of Illinois
County of McLean

On this 22 day of March, ~~2016~~ ²⁰¹⁷, before me, a Notary Public in and for the County and State aforesaid, appeared Assignor **John A. Nepomuceno**, 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: 4/17/18

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

Nathan Vermillion
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 4/7/2017
Signature Date

ASSIGNMENT

SCHEDULE A

Application No.	Filing Date	Title	Docket Number
62/402,042	09/30/2016	Traffic Risk Avoidance for a Route Selection System	32060/50601PA
15/482,290	4/07/2017	Traffic Risk Avoidance for a Route Selection System	32060/50601A
62/402,053	9/30/2016	Traffic Risk Notification System	32060/50601PB
15/482,309	4/07/2017	Traffic Risk Notification System	32060/50601B
62/402,077	9/30/2016	Collision Risk-Based Engagement And Disengagement Of Autonomous Control Of A Vehicle	32060/50601PC
15/482,333	4/07/2017	Collision Risk-Based Engagement And Disengagement Of Autonomous Control Of A Vehicle	32060/50601C
62/400,469	9/27/2016	System for Reducing Vehicle Collisions Based on an Automated Area-Specific Assessment of a Collision Risk	32060/50601PD
15/482,474	4/07/2017	System for Reducing Vehicle Collisions Based on an Automated Area-Specific Assessment of a Collision Risk	32060/50601D
62/400,520	9/27/2016	System for Reducing Vehicle Collisions based on an Automated Segmented Assessment of a Collision Risk	32060/50601PE
15/482,475	4/07/2017	System for Reducing Vehicle Collisions based on an Automated Segmented Assessment of a Collision Risk	32060/50601E
62/399,803	9/26/2016	Systems and Methods for Control Systems to Facilitate Situational Awareness of a Vehicle	32060/50823P
15/482,472	4/07/2017	Systems and Methods for Control Systems to Facilitate Situational Awareness of a Vehicle	32060/50823
62/400,215	9/27/2016	Networked Vehicle Control Systems to Facilitate Situational Awareness of Vehicles	32060/508234P
15/482,524	4/07/2017	Networked Vehicle Control Systems to Facilitate Situational Awareness of Vehicles	32060/50824
62/401,599	9/29/2016	System for Identifying High Risk Parking Lots	32060/51004P
15/482,506	4/07/2017	System for Identifying High Risk Parking Lots	32060/51004
62/401,622	9/29/2016	System for Driver's Education	32060/51005P
15/482,512	4/07/2017	System for Driver's Education	32060/51005

62/401,107	9/28/2016	System for Determining Road Slipperiness in Bad Weather Conditions	32060/51006P
15/482,470	4/07/2017	System for Determining Road Slipperiness in Bad Weather Conditions	32060/51006
62/401,116	9/28/2016	System for Adjusting Autonomous Vehicle Driving Behavior to Mimic that of Neighboring/Surrounding Vehicles	32060/51007P
15/482,473	4/07/2017	System for Adjusting Autonomous Vehicle Driving Behavior to Mimic that of Neighboring/Surrounding Vehicles	32060/51007