

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3691658

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
GREGORY HAYWARD		12/21/2015
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: 27		
Property Type	Number	
Application Number:	62105468	
Application Number:	62113749	
Application Number:	62204749	
Application Number:	62207561	
Application Number:	62232035	
Application Number:	62232045	
Application Number:	62232050	
Application Number:	62232054	
Application Number:	62232065	
Application Number:	62232075	
Application Number:	62232083	
Application Number:	62232090	
Application Number:	62232097	
Application Number:	62247334	
Application Number:	62250286	
Application Number:	14989946	
Application Number:	14989950	
Application Number:	14989979	
Application Number:	14989990	
Application Number:	14990056	

PATENT

Property Type	Number
Application Number:	14990073
Application Number:	14990116
Application Number:	14990121
Application Number:	14990139
Application Number:	14990165
Application Number:	14990209
Application Number:	14990228

CORRESPONDENCE DATA

Fax Number: (312)474-0448

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ATTORNEY DOCKET NUMBER:	32060/49194 FAMILY
NAME OF SUBMITTER:	SHAWN M. BUCHANAN
SIGNATURE:	/Shawn M. Buchanan, Reg. No. 65,064/
DATE SIGNED:	01/12/2016

Total Attachments: 5

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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.

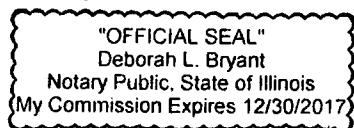
Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration 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 *Greg Hayward* with my hand this 21st day of December, 2015.
Gregory Hayward

State of Illinois
County of McLean

On this 21 day of December, 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

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 1/4/2016
Signature Date

ASSIGNMENT

SCHEDULE A

Application No.	Filing Date	Title	Docket Number
62/105,468	01/20/2015	BROADCASTING TELEMATICS DATA TO NEARBY MOBILE DEVICES, VEHICLES, AND INFRASTRUCTURE	32060/49194P
62/113,749	2/9/2015	BROADCASTING TELEMATICS DATA TO NEARBY MOBILE DEVICES, VEHICLES, AND INFRASTRUCTURE	32060/49194P2
62/204,749	8/13/2015	BROADCASTING TELEMATICS DATA TO NEARBY MOBILE DEVICES, VEHICLES, AND INFRASTRUCTURE	32060/49194P3
62/207,561	8/20/2015	GENERATING ALERT NOTIFICATIONS BY BROADCASTING TELEMATICS DATA TO NEARBY MOBILE DEVICES, VEHICLES, AND INFRASTRUCTURE	32060/49194P4
62/232,035	9/24/2015	GENERATING ALERT NOTIFICATIONS BY BROADCASTING TELEMATICS DATA TO NEARBY MOBILE DEVICES, VEHICLES, AND INFRASTRUCTURE	32060/49194P5A
62/232,045	9/24/2015	GENERATING ALERT NOTIFICATIONS BY BROADCASTING TELEMATICS DATA TO NEARBY MOBILE DEVICES, VEHICLES, AND INFRASTRUCTURE	32060/49194P5B
62/232,050	9/24/2015	DETERMINING ABNORMAL TRAFFIC CONDITIONS FROM A BROADCAST OF TELEMATICS DATA ORIGINATING FROM ANOTHER VEHICLE	32060/49194P5C
62/232,054	9/24/2015	TAKING CORRECTIVE ACTION BASED UPON TELEMATICS DATA BROADCAST FROM ANOTHER VEHICLE	32060/49194P5D
62/232,065	9/24/2015	ANALYZING TELEMATICS BROADCAST TO DETERMINE TRAVEL EVENTS AND CORRECTIVE ACTIONS	32060/49194P5E
62/232,075	9/24/2015	PROVIDING INSURANCE DISCOUNTS BASED UPON USAGE OF TELEMATICS DATA-BASED RISK MITIGATION AND PREVENTION FUNCTIONALITY	32060/49194P5F
62/232,083	9/24/2015	DETERMINING CORRECTIVE ACTIONS BASED UPON BROADCAST OF TELEMATICS DATA ORIGINATING FROM ANOTHER VEHICLE	32060/49194P5G

62/232,090	9/24/2015	DETERMINING CORRECTIVE ACTIONS BASED UPON TELEMATICS DATA BROADCAST FROM ANOTHER VEHICLE	32060/49194P5H
62/232,097	9/24/2015	GENERATING ALERT NOTIFICATIONS BY BROADCASTING TRAIN TELEMATICS DATA TO NEARBY MOBILE DEVICES, VEHICLES, AND INFRASTRUCTURE	32060/49194P5I
62/247,334	10/28/2015	GENERATING ALERT NOTIFICATIONS BY BROADCASTING TRAIN TELEMATICS DATA TO NEARBY MOBILE DEVICES, VEHICLES, AND INFRASTRUCTURE	32060/49194P5J
62/250,286	11/3/2015	GENERATING ALERT NOTIFICATIONS BY BROADCASTING TRAIN TELEMATICS DATA TO NEARBY MOBILE DEVICES, VEHICLES, AND INFRASTRUCTURE	32060/49194P5K
14/989,946	01/07/2016	ALERT NOTIFICATIONS UTILIZING BROADCASTED TELEMATICS DATA	32060/49194A
14/989,950	01/07/2016	BROADCASTING TELEMATICS DATA TO NEARBY MOBILE COMPUTING DEVICES, VEHICLES, AND INFRASTRUCTURE	32060/49194B
14/989,979	01/07/2016	DETERMINING ABNORMAL TRAFFIC CONDITIONS FROM A BROADCAST OF TELEMATICS DATA ORIGINATING FROM ANOTHER VEHICLE	32060/49194C
14/989,990	01/07/2016	TAKING CORRECTIVE ACTION BASED UPON TELEMATICS DATA BROADCAST FROM ANOTHER VEHICLE	32060/49194D
14/990,056	01/07/2016	ANALYZING TELEMATICS DATA TO DETERMINE TRAVEL EVENTS AND CORRECTIVE ACTIONS	32060/49194E
14/990,073	01/07/2016	PROVIDING INSURANCE DISCOUNTS BASED UPON USAGE OF TELEMATICS DATA-BASED RISK MITIGATION AND PREVENTION FUNCTIONALITY	32060/49194F
14/990,116	01/07/2016	DETERMINING CORRECTIVE ACTIONS BASED UPON BROADCAST OF TELEMATICS DATA ORIGINATING FROM ANOTHER VEHICLE	32060/49194G
14/990,121	01/07/2016	FACILITATING SAFER VEHICLE TRAVEL UTILIZING TELEMATICS DATA	32060/49194H
14/990,139	01/07/2016	USING TRAIN TELEMATICS DATA TO REDUCE ACCIDENT RISK	32060/49194I
14/990,165	01/07/2016	USING TRAIN TELEMATICS DATA TO PROVIDE INFORMATION IN ONE OR	32060/49194J

		MORE VEHICLES TO REDUCE ACCIDENT RISK	
14/990,209	01/07/2016	USING EMERGENCY RESPONSE SYSTEM (EMS) VEHICLE TELEMATICS DATA TO REDUCE ACCIDENT RISK	32060/49194K
14/990,228	01/07/2016	BROADCASTING INFORMATION RELATED TO HAZARDS IMPACTING VEHICLE TRAVEL	32060/49194L