PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8216792

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DARYOUSH HAKIMI-BOUSHEHRI	04/30/2015
JACKIE O. JORDAN II	04/08/2015
SHAWN M. CALL	04/08/2015
JOHN H. WEEKES	04/30/2015
RONNY S. BRYANT	04/07/2015
JENNIFER CRISWELL KELLETT	04/27/2015
TODD BINION	04/08/2015
ELISABETH MCDERMEIT	05/12/2015
JOHN DONOVAN	04/08/2015

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: 1

Property Type	Number
Application Number:	17734814

CORRESPONDENCE DATA

Fax Number: (312)474-0448

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.

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Email: docket@marshallip.com, gcorro@marshallip.com

MARSHALL, GERSTEIN & BORUN LLP Correspondent Name:

Address Line 1: 233 S. WACKER DRIVE Address Line 2: 6300 WILLIS TOWER

Address Line 4: CHICAGO, ILLINOIS 60606-6357

ATTORNEY DOCKET NUMBER:	32060/48782-CON2
NAME OF SUBMITTER:	GLORIA CORRO

SIGNATURE:	/Gloria Corro/		
DATE SIGNED:	10/12/2023		
Total Attachments: 12			
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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.

WITNESS Sum Male with my hand this & day of april 2015.
State of FILINOIS County of McLean
On this B day of April , 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Shawn M. Call, 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)(7
OFFICIAL SEAL" Deborah L Bryant Notary Public, State of Illinois My Gommission Expires 12/30/2017 Deborah L Bryant Notary Public Signature
WITNESS with my hand this 80 day of APAL , 2015. Daryoush Hakimi-Boushehri
State of Illino's County of Dewal H
On this 30 day of 0 p i 1 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Daryoush Hakimi-Boushehri, 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.
"OFFICIAL SEAL" Rachael Strionoviciand and seal the same day and year last above given. My comprission expires: 11/23/2018 Notary Public, State of Illinois My Commission Expires 11/23/2018
Notary Public Signature
WITNESS Jules with my hand this 30th day of april , 2015.
State of <u>Illinois</u> County of <u>Dewitt</u>
On this <u>So</u> day of <u>OPFO</u> 2015, before me, a Notary Public in and for the County and State aforesaid, appeared John H. Weekes, 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: 11123/18
toward Semenatal
"OFFICIAL SEAL" Rachael Simonovich Notary Public, State of fillinois Notary Public, State of 11/23/2018
Notary Public, State of 1/23/2018 My Commission Expires 11/23/2018

WITNESS with my hand this 7T day of ART 2015.
State of Illinois County of McLean
On this 7 day of 4, 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Ronny S. Bryant, 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 "OFFICIAL SEAL" Deborah L. Bryant Notary Public. State of Illinois My Commission Expires 12/30/2017 My Commission Expires 12/30/2017
WITNESS Cubble with my hand this of day of of county of Deloit to the County of Deloit to the County of the County and State aforesaid, appeared Jennifer Criswell, 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
witness my hand and seal the same day and year last above given. My commission expires: 11/23/2018 "OFFICIAL SEAL"
Notary Public, State of Illinois My Commission Expires 11/23/2018 WITNESS
On this 8 day of April , 2015, before me, a Notary Public in and for the County and State aforesaid, appeared Todd Binion, 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 seaf 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 Notary Public Signature

3

WITNESS,		with my h	and this	day of	, 2015.
	Jackie O. Jordan, II				
County of					
satisfactory evidenc	day of day of eared Assignor Jackie O. e to be the same person wi e and voluntary act and for	ho appeared before	me, and ackr	rowledged that he a	he County and on the basis of executed said
WITNESS	my hand and seal the sam	e day and year last	above given.	My commission ex	pires:
			Notary Pu	blic Signature	
WITNESS State of III County of MCL	Woodth My Elisabeth McDermeit NO 15	<u> </u>	and this <u>l</u>	2_ day of f \0	, 2015.
atisfactory evidence estrument as his fre	eared Assignor Elisabeth e to be the same person whe e and voluntary act and for	ho appeared before r the uses and purpo	me, and ackr oses therein e	nowledged that he expressed.	executed said
WITNESS	my hand and seal the sam "OFFICIAL SEAL" Deborah L. Bryant Notary Public, State of 8 My Commission Expires 12	e day and year last	Above given. OLDO Notary Pu	My commission ex いか	nyant
WITNESS .	John Donovan	with my h	and this	day of	, 2015.
State of	Joint Dollovali				
satisfactory evidence	day of eared Assignor John Don e e to be the same person whe e and voluntary act and for	ho appeared before	me, and ackn	rowledged that he e	he County and e basis of executed said
WITNESS	my hand and seal the sam	e day and year last	above given.	My commission ex	pires:
			Notary Pu	blic Signature	<u>_</u> _

On behalf of the Assignee,	Timothy Le Duc, Counsel,	State Farm Mutual Automobile Insurance Company
-	Name	Title
hereby confirms Assignee's accepta	nce of all rights, privileges,	titles and interests conveyed by this assignment.
Wah Du	11/20/2015	
Signature	Date	

SCHEDULE A

Application No.	Filing Date	ling Date Title	
14/693,032	April 22, 2015	SYSTEMS AND METHODS FOR	32060/48771
		AUTOMATICALLY MITIGATING	
		RISK OF PROPERTY DAMAGE	
14/692,961	April 22, 2015	SYSTEMS AND METHODS FOR	32060/48772
	_	MANAGING THE OPERATION OF	
		DEVICES WITHIN A PROPERTY	
14/693,021	April 22, 2015	SYSTEMS AND METHODS FOR	32060/48773
		HOMEOWNER-DIRECTED RISK OF	
		PROPERTY DAMAGE MITIGATION	
14/692,946	April 22, 2015	SYSTEMS AND METHODS FOR	32060/48774
	_	DETERMINING CAUSE OF LOSS TO	
		A PROPERTY	
14/692,953	April 22, 2015	SYSTEMS AND METHODS FOR	32060/48781
·	• ·	PREDICTIVELY GENERATING AN	
		INSURANCE CLAIM	di Norta
14/693,039	April 22, 2015	SYSTEMS AND METHODS FOR	32060/48782
		ASSIGNING DAMAGE CAUSED BY	
		AN INSURANCE-RELATED EVENT	
14/693,034	April 22, 2015	SYSTEMS AND METHODS FOR	32060/48783
ŕ	1	COMMUNITY-BASED CAUSE OF	·
		LOSS DETERMINATION	
14/692,864	April 22, 2015	SYSTEMS AND METHODS FOR	32060/48784
ŕ	1	MANAGING INSURANCE	
	1	ASSOCIATED WITH DEVICES	
		POPULATED WITHIN A PROPERTY	
14/693,057	April 22, 2015	SYSTEMS AND METHODS FOR	32060/48785
	· •	AUTOMATICALLY MITIGATING	
	:	RISK OF WATER DAMAGE	
14/692,897	April 22, 2015	SYSTEMS AND METHODS FOR	32060/48786
		MANAGING INSURANCE BASED	
		ON DEVICE LOCATION WITHIN A	
		PROPERTY	
14/692,943	April 22, 2015	SYSTEMS AND METHODS FOR	32060/48787
•	1 . · · · · · · · · · · · · · · · ·	MANAGING INSURANCE FOR	
		DEVICES LOCATED WITHIN A	
		PROPERTY BASED ON INSURANCE-	
		RELATED EVENTS	

6

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 Schedule A the filing date and application number of each 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 each of 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.

PATENT

WITNESS Shawn M. Call	with my hand this	& day of april	, . 2015.
State of FILLOUS County of McLean	, , ,		
On this B day of April State aforesaid, appeared Shawn M. Call, known evidence to be the same person who appeared be his free and voluntary act and for the uses and pure	to me personally or prove- fore me, and acknowledge	d to me on the basis of s	satisfactory
WITNESS my hand and seal the same d	ay and year last above giv	en. My commission exp	oires: 12/30/0
"OFFICIAL &EAL" Deborah L. Bryant Notary Publik: State of Illinois My Commission Exkires 1≵/30/2017	S Notan	Public Signature	Bryan
WITNESS	with my hand this _	day of	, 2015.
State of County of			
On thisday of	appeared before me, and a e uses and purposes there	acknowledged that he ex in expressed.	recuted said
TO THE SOUND AND SOUND ON THE SAME OF	ay and your react about give	on thy continuous on	
	Notary	Public Signature	
WITNESSJohn H. Weekes	with my hand this _	day of	, 2015.
State of			
On this day of State aforesaid, appeared John H. Weekes, know evidence to be the same person who appeared be his free and voluntary act and for the uses and pur	fore me, and acknowledge	otary Public in and for the yed to me on the basis of ed that he executed said	ne County and f satisfactory instrument as
WITNESS my hand and seal the same da	ay and year last above giv	en. My commission exp	oires:
	Notary	Public Signature	

	~!!
WITNESS	with my hand thisday of2015.
Ronny S. Bryant State of IIIIOIS	
State of <u>LITTOIS</u> County of MCLean	
State aforesaid, appeared Ronny S. Bryant, known to nevidence to be the same person who appeared before mains free and voluntary act and for the uses and purposes	
WITNESS my hand and seal the same day and	d year last above given. My commission expires: (2/30/17)
"OFFICIAL SEAL"	Debout & Bryant
Deborah L. Bryant Notary Public, State of Illinois My Commission Expires 12/30/2017	Notary Public Signature
WITNESS	with my hand this day of, 2015.
State of	
State aforesaid, appeared Jennifer Criswell, known to r	015, before me, a Notary Public in and for the County and me personally or proved to me on the basis of satisfactory ie, and acknowledged that he executed said instrument as therein expressed.
WITNESS my hand and seal the same day and	year last above given. My commission expires:
	Notary Public Signature
Todd Binion	with my hand this <u>Jth</u> day of <u>April</u> , 2015.
State of LILINOIS County of McLean	
On this 8 day of April 12	015, before me, a Notary Public in and for the County and
State aforesaid, appeared Todd Binion, known to me po	ersonally or proved to me on the basis of satisfactory ne, and acknowledged that he executed said instrument as
WITNESS my hand and seal the same day and	I year last above given. My commission expires: $\frac{12/30/17}{}$
"OFFICIAL SEAL" Deborah L. Bryant	Debous & Bryans
Notary Public, State of Illinois (My Commission Expires 12/30/2017)	Notary Public Signature 0

WITNESS		day of April	, 2015.
State of Illnois County of McLean			
On this Say of One of State aforesaid, appeared Jackie O. Jordan, II, I evidence to be the same person who appeared be his free and voluntary act and for the uses and put	efore me, and acknowledged th	ed to me on the basis of	satisfactory
WITNESS my hand and seal the same "OFFICIAL SEAL" Deborah L. Bryant Notary Public, State of Illino (My Commission Expires 12/30	Debug	My commission expires ハイス	12/30/17
WITNESS	with my hand this	day of	<u>, 2</u> 015.
State of			
On this day of State aforesaid, appeared Betsy McDermeit , know evidence to be the same person who appeared be his free and voluntary act and for the uses and pu	own to me personally or proved lefore me, and acknowledged th	to me on the basis of sa	atistactory
WITNESS my hand and seal the same	day and year last above given.	My commission expires	• •
	Notary Put	olic Signature	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
WITNESS John Donovan State of THOOIS County of McLeur	with my hand this 8	_day of April	, 2015.
On this <u>S</u> day of <u>April</u> State aforesaid, appeared John Donovan, know evidence to be the same person who appeared b his free and voluntary act and for the uses and pu	efore me, and acknowledged the	me on the basis of satis	sfactory
WITNESS my hand and sea the same of "OFFICIAL SEAL" Deborah L. Bryant Notary Fublic tate of Illinois Notary Fublic tate of 12/30/2017	s 2000	My commission expires	:12/30/17 yont

4

On behalf of the Assignee,	Timothy Le Duc,	, Counsel, State Farm Mutual Automobile Insurance Company,
	Name	Title
hereby confirms Assignee's acceptain	nce of all rights, p	privileges, titles and interests conveyed by this assignment.
Valle	11/20	privileges, titles and interests conveyed by this assignment.
Signature	Date	2

SCHEDULE A

Application No.:	Title:	Filing Date:	Attorney Docket Number:
	SYSTEMS AND METHODS FOR		32060/48771
	AUTOMATICALLY MITIGATING		323337.1077.2
	RISK OF PROPERTY DAMAGE		İ
	SYSTEMS AND METHODS FOR		32060/48772
	MANAGING THE OPERATION OF		32000/10/12
	DEVICES WITHIN A PROPERTY		
	SYSTEMS AND METHODS FOR		32060/48773
	HOMEOWNER-DIRECTED RISK		32000/40773
	OF PROPERTY DAMAGE		
	MITIGATION		
	SYSTEMS AND METHODS FOR		32060/48774
	DETERMINING CAUSE OF LOSS		3,2000/40//4
	TO A PROPERTY		
	SYSTEMS AND METHODS FOR		32060/48781
	PREDICTIVELY GENERATING		34000/40/01
	AN INSURANCE CLAIM		
	SYSTEMS AND METHODS FOR		32060/48782
	ASSIGNING DAMAGE CAUSED		32000/40/02
	BY AN INSURANCE-RELATED		
	EVENT		220/0/49792
	SYSTEMS AND METHODS FOR		32060/48783
	COMMUNITY-BASED CAUSE OF		
	LOSS DETERMINATION		
	SYSTEMS AND METHODS FOR		32060/48784
	MANAGING INSURANCE		
	ASSOCIATED WITH DEVICES		
	POPULATED WITHIN A		
	PROPERTY		~ ~ ~ ~ ~ ~ ~ ~ ~
	SYSTEMS AND METHODS FOR		32060/48785
	AUTOMATICALLY MITIGATING		
	RISK OF WATER DAMAGE		200000000000000000000000000000000000000
	SYSTEMS AND METHODS FOR		32060/48786
	MANAGING INSURANCE BASED		
	ON DEVICE LOCATION WITHIN		
	A PROPERTY	ļ	
	SYSTEMS AND METHODS FOR		32060/48787
	MANAGING INSURANCE FOR		
	DEVICES LOCATED WITHIN A		
	PROPERTY BASED ON		
	INSURANCE-RELATED EVENTS		

6