#### 12/11/2017 504681533

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4728255

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ALI HASSANI	10/25/2017
MICHAEL HRECZNYJ	10/30/2017
ERICK MICHAEL LAVOIE	10/30/2017
ALYSSA CHATTEN	10/30/2017
THOMAS JOSEPH HERMANN	10/26/2017
JOHN ROBERT VAN WIEMEERSCH	10/30/2017

#### **RECEIVING PARTY DATA**

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	SUITE 800, 330 TOWN CENTER DRIVE
City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48126

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15799534

#### **CORRESPONDENCE DATA**

Fax Number: (312)980-0728

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.

Phone: 312-269-8000

marden@ngelaw.com, patents@ngelaw.com Email:

JAMES P. MURAFF **Correspondent Name:** 

Address Line 1: TWO NORTH LASALLE STREET, SUITE 1700

Address Line 2: ATTN: PATENT ADMINISTRATOR

Address Line 4: CHICAGO, ILLINOIS 60602

ATTORNEY DOCKET NUMBER:	83878205 (026780.8908)	
NAME OF SUBMITTER:	JAMES P. MURAFF	
SIGNATURE:	/JAMES P. MURAFF/	
DATE SIGNED:	12/09/2017	

#### **Total Attachments: 6**

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source=Lavoie\_signed\_Declaration\_8908#page1.tif

	(026780-8908)
v Docket Number	

Title of Invention	SYSTEMS AND	METHODS	FOR	DELIVERING	DISCRETE
	<b>AUTONOMOUS IN-V</b>	EHICLE NOTI	FICATIO	ONS	
This declaration is direct	ed to:				
	The attached application, or United States application or PCT international application number				
this form when they beco			5 700 5		
The above-identified app	lication was made or authorize	d to be made by m	ie,		
I hereby state that I have including the claims.	e reviewed and understand the	ne contents of the	specificati	on in the above-ident	tified application,
I believe that I am the or	iginal inventor or an original jo	int inventor of a cl	laimed inve	ention in the application	m.
continuation-in-part app	o disclose information which is lications, material informational or PCT international filing	n which became	available	between the filing of	
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————					
organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.					
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.					
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.					
LEGAL NAME OF INV				man in the	in my in tenh
Inventor: John Rob	ert Van Wiemeersch		D	ate: <u> </u>	
Signature:					
	3 Sheet (PTO/SB/14 or equivalen		the entire i	nventive entity, must ac	company this form.
Use an additional declaration	n form for each additional invente	)F.		PATENT	

REEL: 044356 FRAME: 0479

Attorner	y Docke	t Number	83878205	(026780-8908)

Title of Invention	SYSTEMS AND METHODS FOR DELIVERING DISCRETE			
	AUTONOMOUS IN-VEHICLE NOTIFICATIONS			
This declaration is direct	ed to;			
	☐ The attached application, or ☐ United States application or PCT international application number			
this form when they become	(I hereby authorize the insertion of the application filing date and number into ome known.)			
The above-identified app	lication was made or authorized to be made by me.			
I hereby state that I have including the claims.	re reviewed and understand the contents of the specification in the above-identified application,			
I believe that I am the or	ginal inventor or an original joint inventor of a claimed invention in the application.			
continuation-in-part app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for lications, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.			
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No.				
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.				
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.				
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.				
LEGAL NAME OF INV	ENTOR			
Inventor: Alyssa C	hatten Date: 10 30 2017			
Signature:	r CC			
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. on form for each additional inventor.			

Attorney Dock	et Number	83878205 (	(026780-8908)

This declaration is directed to:  The attached application, or United States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and number into this form when they become known.)  The above-identified application was made or authorized to be made by me.  I hereby state that I have reviewed and understand the contents of the specification in the above-identified application,		
filed on (I hereby authorize the insertion of the application filing date and number into this form when they become known.)  The above-identified application was made or authorized to be made by me.		
I hereby state that I have reviewed and understand the contents of the specification in the above-identified application.		
including the claims.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.		
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No.		
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.		
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.		
LEGAL NAME OF INVENTOR Inventor: Ali Hassani Date: \\ \( \sigma \) \( \frac{1}{2} \sigma \)		
Signature:		
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.  Use an additional declaration form for each additional inventor.  PATENT		

REEL: 044356 FRAME: 0481

Attorney Docket Number	83878205 (026780-8908)

Title of Invention	SYSTEMS AND METHODS FOR DELIVERING DISCRETE AUTONOMOUS IN-VEHICLE NOTIFICATIONS			
This declaration is directed				
☐ The att	ached application, or States application or PCT international application number _ filed on (I hereby authorize the insertion of the application filing date and number into			
The above-identified app	lication was made or authorized to be made by me.			
I hereby state that I have reviewed and understand the contents of the specification in the above-identified application, including the claims.				
I believe that I am the ori	ginal inventor or an original joint inventor of a claimed invention in the application.			
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.				
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No.				
And I hereby represent ar	nd warrant that I have not granted any rights inconsistent with the rights granted herein.			
or imprisonment of not m	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine ore than five (5) years or both.			
LEGAL NAME OF INVI				
Inventor: <u>Thomas Jo</u>	Date: 10/26/2017			
Signature:				
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.				
Use an additional declaration	n form for each additional inventor.			

REEL: 044356 FRAME: 0482

Attorney Docket Number	83878205	(026780-8908)

Title of Invention SYSTEMS AND METHODS FOR AUTONOMOUS IN-VEHICLE NOTIFICAT					
This declaration is directed to:	GO ATOM E CLAPE.				
The attached application, or United States application or PCT international application number filed on (I hereby authorize the insertion of the this form when they become known.)					
The above-identified application was made or authorized to be made by me.					
I hereby state that I have reviewed and understand the contents of the specifical including the claims.	ation in the above-identified application.				
I believe that I am the original inventor or an original joint inventor of a claimed in	vention in the application.				
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Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————					
And I hereby agree for myself, my heirs, successors, assigns or other legal representations applications for Letters Patent of any and all kinds and in any and all organizations, and to perform any and all acts which the ASSIGNEE, its successor may deem necessary to secure thereto the rights herein sold, assigned and set over.	countries, entities and intergovernmental ors, assigns or other legal representatives				
And I hereby represent and warrant that I have not granted any rights inconsistent w	with the rights granted herein.				
I hereby acknowledge that any willful false statement made in this declaration is por imprisonment of not more than five (5) years or both.	punishable under 18 U.S.C. 1001 by fine				
LEGAL NAME OF INVENTOR Inventor: Michael Hrecznyj Da	ate: $10/30/207$				
Signature: Mukakeen					
Nichola And Andrew Date Character (CD) (A)	330 dela constanti del constan				
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.  Use an additional declaration form for each additional inventor.					

Attorney Docket Number	83878205 (026780-8908)
Autorney Docker Number	[ 00070200 (020700-0500)

Title of Invention	SYSTEMS AND AUTONOMOUS IN-VI			LIVERING	DISCRETE	
This declaration is direct	**************************************	and the second s	NAMES OF THE PROPERTY OF THE P	innanananananananinnananananinn		
The attached application, or United States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and number into this form when they become known.)						
The above-identified app	lication was made or authorize	ed to be made by me	<u>.</u>			
I hereby state that I have including the claims.	e reviewed and understand th	ne contents of the s	specification in	the above-ident	ified application,	
I believe that I am the ori	ginal inventor or an original jo	oint inventor of a cla	imed invention	in the application	n.	
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organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over:						
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.						
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.						
LEGAL NAME OF INVI				10/28/2	N:7	
Inventor: Erick Mic	hael Lavoie	7187 STORY FERENCE STANDARD CO. C.	Date: _	10/36/6		
Signature: Sail	Andred Lave	· · · · · · · · · · · · · · · · · · ·			TO THE TOTAL PROPERTY OF THE TOTAL PROPERTY	
Note: An Application Data Use an additional declaration	Sheet (PTO/SB/14 or equivalent or form for each additional inventor	), including naming the	he entire inventiv	e entity, must acco	ompany this form.	

PATENT RECORDED: 12/11/2017 REEL: 044356 FRAME: 0484