### 503237273 03/26/2015

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3283891

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KRISTIN MARIE SCHONDORF	03/13/2015
ERIC H. WINGFIELD	03/09/2015
WILL FARRELLY	03/04/2015
NIKOLA RISTIVOJEVICH	03/19/2015
KATHLEEN BLACKMORE	03/13/2015
MARCUS MUELLER	03/04/2015

#### **RECEIVING PARTY DATA**

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

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

Property Type	Number
Application Number:	14669547

### **CORRESPONDENCE DATA**

Fax Number:

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: 313-528-4882 Email: docket@bvbip.com

Correspondent Name: BEJIN BIENEMAN PLC FORD GLOBAL TECHNOLOG

Address Line 1: 300 RIVER PLACE

Address Line 2: SUITE 1650

Address Line 4: DETROIT, MICHIGAN 48207

ATTORNEY DOCKET NUMBER: 83509899(65080-1551)

NAME OF SUBMITTER: CHARLES A. BIENEMAN

SIGNATURE: /Charles A. Bieneman/

DATE SIGNED: 03/26/2015

503237273 REEL: 035264 FRAME: 0306

This document serves as an Oath/Declaration (37 CFR 1.63).

### **Total Attachments: 6**

source=83509899 - Signed Declaration and Assignment (65080-1551) - all six inventors#page1.tif source=83509899 - Signed Declaration and Assignment (65080-1551) - all six inventors#page2.tif source=83509899 - Signed Declaration and Assignment (65080-1551) - all six inventors#page3.tif source=83509899 - Signed Declaration and Assignment (65080-1551) - all six inventors#page4.tif source=83509899 - Signed Declaration and Assignment (65080-1551) - all six inventors#page5.tif

source=83509899 - Signed Declaration and Assignment (65080-1551) - all six inventors#page6.tif

·*************************************	
Attorney Docket Number	83509899(65080-1551)

Title of Inventi-	on	SHARED VEHICLE MANAGEMENT
This declaration is	direct	ed to:
		tached application, or  I States application or PCT international application numberfiled on
The above-identif	ied app	dication was made or authorized to be made by me.
I hereby state the including the clair		we reviewed and understand the contents of the specification in the above-identified application,
I believe that I am	the or	iginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-pa	art app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for dications, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of D hereinafter referre interest, domestic of the ASSIGNEI for the inventions name or names, o insert the serial/s  ASSIGNEE, its applications, in ar including all appreexaminations an  And I hereby agre including applicat organizations, and	TECH elawared to a and fo elawared to a and di r in my applica succes and to the dication ad reiss ee for tions fo I to per	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and oreign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent iscoveries in any and all countries, entities and intergovernmental organizations, in its or their own y name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to use the sors, assigns or other legal representatives, all rights of priority, including any provisional ne inventions and discoveries in any and all countries, entities and intergovernmental organizations are claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, are applications.  In the provisional and all countries, assigns or other legal representatives to execute any and all papers, for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental reform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives secure thereto the rights herein sold, assigned and set over.
Ů	•	and warrant that I have not granted any rights inconsistent with the rights granted herein.
		nat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.
LEGAL NAME (		water I want I was
.,	ISHU IV	Iarie Schondorf Date: 3/13/15
Signature:	12 Vie	and the second
		a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. on form for each additional inventor.

Attorney Docket Number	83509899(65080-1551)

Title of Invention	SHARED VEHICLE MANAGEMENT
This declaration is direct	ed to:
United	tached application, or States application or PCT international application number filed on
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	iginal 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 discions, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its st for the inventions and di name or names, or in my insert the serial/applica  ASSIGNEE, its success applications, in and to the	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent scoveries in any and all countries, entities and intergovernmental organizations, in its or their own mame, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to tion number and filing date of the application to receive Letters Patent herein: Serial No.  Filing Date
including applications for organizations, and to per	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, or Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental rform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives accure thereto the rights herein sold, assigned and set over.
And I hereby represent a	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
	nat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.
LEGAL NAME OF INV	VENTOR 1 C/Q/OALS
Inventor: Eric H. V Signature:	Vingfield Date: 2/1/2010
Januare	THE PERSON NAMED IN THE PE
Note: An Application Dat Use an additional declaration	a Shest (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. on form for each additional inventor.

Attorney Docket Number	83509899(65080-1551)

Title of Inventi	011	SHARED VEHICLE MANAGEMENT	***************************************
This declaration is	direct	ad to:	***************************************
	United	tached application, or States application or PCT international application number filed on	
The above-identif	ed app	lication was made or authorized to be made by me.	
I hereby state that including the claim		re reviewed and understand the contents of the specification in the above-identified applic	ation,
I believe that I am	the or	ginal inventor or an original joint inventor of a claimed invention in the application.	
continuation-in-pa	irt app	e disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including lications, material information which became available between the filing date of the mal or PCT international filing date of the continuation-in-part application.	ag for prior
FORD GLOBAL of the State of D hereinafter referre interest, domestic of the ASSIGNEI for the inventions name or names, o insert the serial/ASSIGNEE, its applications, in at including all apprexaminations at And I hereby agrincheding applications, and organizations, and	TECH elawan ed to a and fo in its si and di r in my applica succes ad to th dication d reiss ee for tions fo it to per	myself, my heirs, successors, assigns or other legal representatives to execute any and all par Letters Patent of any and all kinds and in any and all countries, entities and intergovernation form any and all acts which the ASSIGNEE, its successors, assigns or other legal represent	s laws higan, ie and a right Patent r own ney to I No. to the sional ations onals; apers, nental
7		ecure thereto the rights herein sold, assigned and set over.  nd warrant that I have not granted any rights inconsistent with the rights granted herein.	
I hereby acknowle	edge th	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 b nore than five (5) years or both.	y fine
LEGAL NAME O	)F INV	ENTOR L. MADELA 2015	, S
Inventor: W	ill Fan	elly Date: 4 / Machine	
Signature:	W	لم <u>ا</u>	
*			
Note: An Applicat Use an additional de	ion Dat claratic	s Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this in form for each additional inventor.	Jorm.

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Astorney Docket Number	83509899(65080-1551)	

Title of Inventi	ion SHARED VEHICLE MANAGEMENT
This declaration i	is directed to:
	The attached application, or United States application or PCT international application numberfiled on
The above-identif	fied application was made or authorized to be made by me.
I hereby state that including the clair	at I have reviewed and understand the contents of the specification in the above-identified application ims.
I believe that I am	n the original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-pa	e duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for part applications, material information which became available between the filing date of the prior to be national or PCT international filing date of the continuation in part application.
FORD GLOBAL of the State of D hereinafter referm interest, domestic of the ASSIGNEI for the inventions name or names, o insert the serial/ ASSIGNEE, its applications, in an including all appreexaminations ar And I hereby agr	employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unter TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the law Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan red to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and count for and to the inventions and discoveries in the above-identified invention including the right. Its successors, assigns or other legal representatives to make applications and to receive Letters Patents and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to Application number and filing date of the application to receive Letters Patent herein: Serial No principal Date
organizations, and	id to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives sary to secure thereto the rights herein sold, assigned and set over.
And I hereby repr	resent and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of not more than five (5) years or both.
LEGAL NAME O	$\lambda \alpha = i \alpha = i \alpha = i \alpha$
Inventor: Ni Signature:	ikola Ristivojevich Date: 03-79-2073
Note: An Applicat Use an additional de	tion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form leclaration form for each additional inventor.

Attorney Docket Number	83509899(65080-1551)	

Title of Invention	SHARED VEHICLE MANAGEMENT		
This declaration is dire	This declaration is directed to:		
	attached application, or ted States application or PCT international application number filed on		
The above-identified a	application was made or authorized to be made by me.		
I hereby state that I I including the claims.	nave reviewed and understand the contents of the specification in the above-identified application,		
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.			
FORD GLOBAL TEC of the State of Delaw hereinafter referred to interest, domestic and of the ASSIGNEE, its for the inventions and name or names, or in insert the serial/appli ASSIGNEE, its succe applications, in and to	cyment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto CHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws are, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and foreign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent discoveries in any and all countries, entities and intergovernmental organizations, in its or their own my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to leation number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————		
including applications organizations, and to	or myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives to secure thereto the rights herein sold, assigned and set over.		
And I hereby represen	t 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 IT Inventor: Kathle	NVENTOR en Blackmore Date: 3/13/2015		
Signature:	athlen Blademor		
	Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. ation form for each additional inventor.		

Please direct all correspondence to: \$13140

**RECORDED: 03/26/2015** 

Attorney Docket Number	83509899(65080-1551)

# ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY, PROVISIONAL OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invention	9n	SHARED VEHICLE MANAGEMENT		
This declaration is	This declaration is directed to:			
The attached application, or United States application or PCT international application number filed on				
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 Pord 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 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 IN	VENTOR Mary 4 70/C		
Inventor:	darcus.	Muellet Date;		
Signature:		L.J. Niill		
Note: An Applica	ation Di	sia Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, ion form for each additional inventor.		