#### 504172398 01/10/2017

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4219076

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ARTURO DEL REFUGIO SANCHEZ PEREZ	02/04/2015
DANIEL ANDRES RAMOS CORIA	02/05/2015
RODRIGO FELIX	02/04/2015
ARTEMIO MAGAÑA	02/10/2015

#### **RECEIVING PARTY DATA**

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

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

Property Type	Number			
Application Number:	15403048			

#### **CORRESPONDENCE DATA**

**Fax Number:** (503)459-4142

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: 503-459-4141 Email: parry@ahmrt.com

Correspondent Name: ALLEMAN HALL MCCOY RUSSELL & TUTTLE, LLP

Address Line 1: 806 S.W. BROADWAY, SUITE 600 Address Line 4: PORTLAND, OREGON 97205

ATTORNEY DOCKET NUMBER: 83747052	
NAME OF SUBMITTER:	CAITLIN PARRY
SIGNATURE:	/CAITLIN PARRY/
DATE SIGNED:	01/10/2017

**Total Attachments: 4** 

source=Executed Assignment (from parent) 83747052#page1.tif

PATENT REEL: 040938 FRAME: 0970

504172398

source=Executed Assignment (from parent) 83747052#page2.tif source=Executed Assignment (from parent) 83747052#page3.tif source=Executed Assignment (from parent) 83747052#page4.tif

Attorney Docket Number   83494041	

# 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	METHODS AND SYSTEMS FOR BOOST CONTROL						
This declaration is direct	ted to:						
⊠ The at United	The attached application, or United States application or PCT international application number filed on						
The above-identified app	plication was made or authorized to be made by me.						
I hereby state that I had including the claims.	ve 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 olications, material information which became available between the filing date of the prior mal 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 for of the ASSIGNEE, its s for the inventions and drame or names, or in my insert the serial/applications, its successapplications, in and to the state of the state of the serial successapplications, in and to the state of the	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 uccessors, 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 attoin number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————						
including applications for organizations, and to pe	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 secure thereto the rights herein sold, assigned and set over.						
And I hereby represent a	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 nore than five (5) years or both.						
LEGAL NAME OF INV							
Inventor: <u>Arturo de</u>	el Refugio Sanchez Perez Date: 20/20/y 7 , 20/5						
Signature:							
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.						
Con an macraman mental and	AND THE MAN						

Attorney Docket Number	83494041

## 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	METHODS AND SYSTEMS FOR BOOST CONTROL					
This declaration is direct	ed to:					
The at	The attached application, or United States application or PCT international application number filed on					
The above-identified app	dication 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 or	iginal 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. 14/619,733 , Filing Date February 11,2015 ), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.						
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						
Inventor: <u>Daniel A</u>	ndres Ramgs Coria Date: Feb - 05 - 2015					
Signature: 2244						
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	83494041

### 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 Inven	tion	METHODS AI	ND SYSTEMS	FOR BOO	ST CONTI	ROL	
This declaration	is directed to:		······································	***************************************	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
X		application, or sapplication or PCT internation or PCT internation	ational application n				· · · · · · · · · · · · · · · · · · ·
The above-ident	ified application	n was made or authorized t	o be made by me.				***************************************
I hereby state the including the cla		ewed and understand the	contents of the spe	cification in	the above-ide	ntified application	4
I believe that I a	m the original i	nventor or an original joint	inventor of a claim	ed invention	in the applicat	ion.	
continuation-in-	part application	ose information which is masserial information of PCT international filing dat	which became ava	ilable betwe	en the filing		
FORD GLOBA of the State of hereinafter refer interest, domest of the ASSIGN for the invention name or names, insert the seria 14/619,7 ASSIGNEE, its applications, in	L TECHNOLO Delaware, havi rred to as the A ic and foreign, EE, its successor as and discover or in my name al/application as as successors, a and to the inver- pplications clai-	greement heretofore made GIES, LLC, a Ford Motoring its principal place of bit SSIGNEE, its successors, in and to the inventions anors, assigns or other legal ries in any and all countries e, at its or their election (an umber and filing date of Filing Date Februar assigns or other legal rentions and discoveries in a timing benefit of the filing lications.	Company subsidiar pusiness at Dearbor, assigns or other led discoveries in the representatives to make a like and intergrand 1 hereby authorizes the application to 11,2015, presentatives, all rang and all countries.	y, organized on, County of egal represent above-identificate application of the ASSIGN or receive Land I herebyights of prices, entities and	and existing by Wayne, and tatives, the endied invention one and to recorganizations, NEE or ASSIC etters Patent by sell, assign prity, including intergovernme.	y virtue of the law: State of Michigan tire right, title and including the righ eive Letters Paten in its or their own iNEE's attorney to therein: Serial No and set over to the g any provisiona ental organization.	s da a a a a a a a a a a a a a a a a a a
including applic organizations, a	cations for Lette nd to perform a	f, my heirs, successors, assers Patent of any and all k any and all acts which the thereto the rights herein sol	inds and in any an ASSIGNEE, its suc	d all countrie cessors, assi	s, entities and	intergovernmenta	ıl
And I hereby re	present and war	rrant that I have not granted	l any rights inconsis	tent with the	rights granted	herein.	
or imprisonmen	t of not more th	willful false statement ma an five (5) years or both.	de in this declaration	on is punishal	ble under 18 L	J.S.C. 1001 by fin	e
LEGAL NAME		)R			- 624 C X	<i>i</i> . £	
Inventor:	Roxinisc <b>Felix</b>			Date:		<u> </u>	
Signature:							
			isolating naming the	epileo lavosiis	e rily, and (	ecompany (di Com	). 

Please direct all correspondence to customer number: 36865

Attorney Docket Number	83494041

## 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	METHODS AND SYSTEMS FOR BUOST CONTROL
This declaration is directed to:	
	ttached application, or d 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 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. 14/619,733 , Filing Date February 11,2015), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.  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 IN Inventor: Artemio	
Signature:	Magajia Sate: //////
Note: An Application Data Sheet (PTC/SB/14 or equivalent), including naming the entire inventive entity, trust successory this form. Use an additional declaration form for each additional inventor.	

PATENT REEL: 040938 FRAME: 0975

**RECORDED: 01/10/2017**