503847092 05/27/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3893740

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONATHAN ANDREW BUTCHER	05/17/2016
WALTER JOSEPH ORTMANN	05/16/2016
FRANCIS THOMAS CONNOLLY	05/17/2016

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:	15157931

CORRESPONDENCE DATA

Fax Number: (248)358-3351

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: 248-358-4400

Email: svachon@brookskushman.com **Correspondent Name:** BROOKS KUSHMAN P.C.

Address Line 1: 1000 TOWN CENTER, 22ND FLOOR Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER: 83649874 NAME OF SUBMITTER: ROBERT D. BURNS **SIGNATURE:** /Robert D. Burns/ **DATE SIGNED:** 05/27/2016

Total Attachments: 3

source=FMC6990PUS_Assignment#page1.tif source=FMC6990PUS Assignment#page2.tif source=FMC6990PUS_Assignment#page3.tif

> **PATENT REEL: 038739 FRAME: 0246** 503847092

Please direct all correspondence to: 28395

Attorney Docket Number	83649874

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)

litle of Invention	MOTOR CONTROLLABILITY
This declaration is direct	
United	states application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and then they become 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 ori	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.
FORD GLOBAL TECHI of the State of Delaward hereinafter referred to as interest, domestic and for of the ASSIGNEE, its suffor the inventions and diname or names, or in my insert the serial/applicat 15/157,931 ASSIGNEE, its success applications, in and to th including all application reexaminations and reissi	
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 form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ecure 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.
	at 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.
	ENTOR Andrew Butcher Date: 5-17-2016
Signature:	MAVIS
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 038739 FRAME: 0247

Attorney Docket Number	83649874

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)

litle of Invention	HYBRID VEHICLE OPERATING STRATEGY DURING LOSS OF MOTOR CONTROLLABILITY	F
This declaration is direct	ed to:	
United	tached application, or d States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and then they become known.)	d
The above-identified app	olication was made or authorized to be made by me.	
I hereby state that I have including the claims.	we reviewed and understand the contents of the specification in the above-identified application	1,
I believe that I am the ori	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 discations, material information which became available between the filing date of the pricinal or PCT international filing date of the continuation-in-part application.	or or
of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its suffer the inventions and disname or names, or in my insert the serial/applicated 15/157,931 ASSIGNEE, its success applications, in and to the	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unt NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the law e, having its principal place of business at Dearborn, County of Wayne, and State of Michigars the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title an reign, in and to the inventions and discoveries in the above-identified invention including the righuccessors, assigns or other legal representatives to make applications and to receive Letters Pater scoveries in any and all countries, entities and intergovernmental organizations, in its or their ow 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 May 18, 2016), and I hereby sell, assign and set over to the sors, assigns or other legal representatives, all rights of priority, including any provisional enventions and discoveries in any and all countries, entities and intergovernmental organization as claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals are applications.	rs n, d nt n o o l s
including applications fo 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 intergovernmentation any and all acts which the ASSIGNEE, its successors, assigns or other legal representative ecure thereto the rights herein sold, assigned and set over.	ıl
And I hereby represent as	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 fin nore than five (5) years or both.	e
LEGAL NAME OF INV		
11/4/	seph Ortmann Date: 5/16/16	\dashv
Signature: //////	ls (Lillian	-
Note: An Application Data	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form	ī.

PATENT REEL: 038739 FRAME: 0248 Please direct all correspondence to: 28395

Attorney Docket Number	83649874

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	MOTOR CONTROLLABILITY
This declaration is direct	
X The at	tached application, or I States application or PCT international application number
	olication was made or authorized to be made by me.
	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-part app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for oblications, material information which became available between the filing date of the prior and 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 s for the inventions and d name or names, or in m insert the serial/applica 15/157,931 ASSIGNEE, its succes applications, in and to tl including all applicatio reexaminations and reiss And I hereby agree for including applications f organizations, and to pe	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto INOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws re, 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 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 yname, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ation number and filing date of the application to receive Letters Patent herein: Serial No. —, Filing Date May 18, 2016 ——), and I hereby sell, assign and set over to the 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, save applications. In the property of the regal representatives to execute any and all papers, for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental erform 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.
I hereby acknowledge to or imprisonment of not	hat 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 IN	VENTOR VENTOR
Inventor: Francis	Thomas Connolly Date: S// / Co//E
Signature:	an carry
	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 038739 FRAME: 0249

RECORDED: 05/27/2016