11/03/2020 506335573

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6382324

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ADAM STRATTON	10/19/2020
JOHN VAN WIEMEERSCH	10/16/2020
PATRICK HOLUB	10/22/2020
RONALD FITZGERALD	10/19/2020
TODD ANSBACHER	10/19/2020

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:	17085613

CORRESPONDENCE DATA

Fax Number: (404)853-8806

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: 404.853.8000

fordpatents@eversheds-sutherland.us, Email:

rebekajones@eversheds-sutherland.us

Correspondent Name: EVERSHEDS SUTHERLAND Address Line 1: 999 PEACHTREE STREET NE

Address Line 2: **SUITE 2300**

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	84213241 (35136-1013)
NAME OF SUBMITTER:	JEREMY D. SPIER
SIGNATURE:	/Jeremy D. Spier/
DATE SIGNED:	11/03/2020

Total Attachments: 5 source=84213241 (35136-1013)_Assignment#page1.tif source=84213241 (35136-1013)_Assignment#page2.tif source=84213241 (35136-1013)_Assignment#page3.tif

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Please direct all correspondence to: 155342

Attorney Docket Number	84213241

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	Automatic Operation	Powertrain	Operation	For M	aintenance	Of Neutral
This declaration is directed to:						
United	filed on	n or PCT internation			of the application	n filing date and
number into this form wh	ien they become k	nown.)				
The above-identified app	dication was made	or authorized to b	be made by me.			
I hereby state that I have including the claims.	e reviewed and u	inderstand the con	ntents of the spe	ecification in	n the above-ident	ified application,
I believe that I am the or	iginal inventor or	an original joint in	ventor of a claim	ned invention	n in the applicatio	n.
I am aware of the duty to continuation-in-part app application and the nation	lications, materia	d information wh	iich became ava	ailable betw	een the filing d	
ASSIGNEE, its success applications, in and to the including all application reexaminations and reiss. And I hereby agree for a including applications for organizations, and to per applications.	NOLOGIES, LLC e, having its prine s the ASSIGNEE reign, in and to the accessors, assigns scoveries in any a name, at its or the tion number and filling Da sors, assigns or the inventions and the accessors, assigns or the inventions and the access	C, a Ford Motor Cocipal place of bus, its successors, as its inventions and corother legal repund all countries, eneir election (and lifeting date of the	ompany subsidiar iness at Dearbor ssigns or other I discoveries in the resentatives to n entities and interg I hereby authoriz he application t esentatives, all r and all countries date hereof, cor as or other legal ds and in any an essIGNEE, its suc-	ry, organized in, County of egal represe above-iden nake applica governmentate the ASSIC to receive I, and I herelights of pres, entities and intinuations, representational delicountriccessors, assertices assertions.	I and existing by of Wayne, and St ontatives, the entitified invention in tions and to receil organizations, in GNEE or ASSIGN Letters Patent he by sell, assign an iority, including intergovernment continuations-investo execute an ies, entities and in	virtue of the laws rate of Michigan, re right, title and reluding the right we Letters Patent in its or their own NEE's attorney to be rein: Serial No. and set over to the any provisional ratal organizations part, divisionals, and all papers, intergovernmental
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		,		*****************	10/10/2020	1 7.11 No mar
Inventor: Adam Str	atton oy:			Date:	10/13/5050	2:11 PM EDT
{	Signature: Adam Stratton					
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.						
Use an additional declaration						

Attorney Docket Number	84213241

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	Automatic Powertrain Operation For Maintenance Of Neutral			
***************************************	Operation			
This declaration is direct	ed 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 app	dication was made or authorized to be made by me.			
I hereby state that I have including the claims.	ve reviewed and understand the contents of the specification in the above-identified application,			
I believe that I am the ori	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.				
FORD GLOBAL TECHT of the State of Delaware hereinafter referred to an interest, domestic and fo of the ASSIGNEE, its su for the inventions and di name or names, or in my insert the serial/applica ASSIGNEE, its success applications, in and to th including all application reexaminations and reiss And I hereby agree for a including applications for	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 reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent ascoveries in any and all countries, entities and intergovernmental organizations, in its or their own and 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. ———————————————————————————————————			
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.				
or imprisonment of not n	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.			
LEGAL NAME OF INV				
Inventor: John Van	Wiemeersch Date: OCT = 1222			
Signature:				
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.			

PATENT REEL: 054255 FRAME: 0829

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Please direct all correspondence to: 155342

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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)

The attached application, or United States application or PCT international application number filed on	Title of Invention	Automatic Operation	Powertrain	Operation	For	Maintenance	Of Neutral
The attached application, or United States application or PCT international application number filed on	This declaration is direct						
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 attomety to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 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 for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental	☐ The at	tached application States application filed on	n or PCT internation	onal application naterity authorize the	number he insert	ion of the application	on filing date and
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, L.L.C, 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, 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. ———————————————————————————————————	The above-identified app	lication was made	or authorized to b	e made by me.			
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. Filing Date	-	ve reviewed and u	understand the cor	ntents of the spe	cification	n in the above-iden	tified application,
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. SigneE, 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 and 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 le	I believe that I am the or	iginal inventor or	an original joint in	ventor of a claim	ed inven	tion in the application	on.
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. ———————————————————————————————————	continuation-in-part app	lications, materia	ıl information wh	ich became ava	ailable b	etween the filing o	.56, including for date of the prior
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: Patrick-Holub Date: //O-22-2020 Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	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.						
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: Patrick-Holub Signature: Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	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						
or imprisonment of not more than five (5) years or both. LEGAL NAME OF INVENTOR Inventor: Patrick-Holub Signature: Date: 10-22-2020 Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.						
LEGAL NAME OF INVENTOR Inventor: Patrick-Holub Signature: Date: 10-22-2020 Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.				in this declaration	on is pun	ishable under 18 U.	S.C. 1001 by fine
Signature: Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	LEGAL NAME OF INV	ENTOR			ъ.	10-22-	2020
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	Inventor: Patricle H	olub	1/1/-	<u></u>	Date:	10 00	
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	Signature: <u>IMM</u>	1001 12.1	oww		·		
Use an additional declaration form for each additional inventor.	Note: An Application Dat	a Sheet (PTO/SB/14	4 or equivalent), inc	luding naming the	entire inv	ventive entity, must ac	company this form

Please direct all correspondence to: 155342

Attorney Docket Number	84213241

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	!	Powertrain	Operation	For M	Maintenance	Of	Neutral
	Operation		***************************************		***************************************		
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, 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.							
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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	***************************************	******************************		10/19/2020	1 3-3	21 PM FDT
Inventor: Ronald F	itzgerald by:			Date:			
Signature: Konald Fitzgerald							
Note: An Application Dat		l or equivalent) incl	uding naming the	entire inven	itive entity must acc	compar	w this form
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.							

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> **PATENT** REEL: 054255 FRAME: 0832

RECORDED: 11/03/2020