505007586 07/17/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5054334

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID MICHAEL HERMAN	07/16/2018
DAVID A. HERMAN	07/13/2018
NUNZIO DECIA	07/16/2018
DAVID JOSEPH ORRIS	07/16/2018
NICHOLAS ALEXANDER SCHEUFLER	07/12/2018
STEPHEN JAY ORRIS JR.	07/12/2018

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:	16037689

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@b2iplaw.com

Correspondent Name: BEJIN BIENEMAN PLC FORD GLOBAL TECHNOLOG

Address Line 1: 2000 TOWN CENTER

Address Line 2: SUITE 800

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER:	84048793(65080-2981)	
NAME OF SUBMITTER: CHARLES A. BIENEMAN		
SIGNATURE:	/Charles A. Bieneman/	
DATE SIGNED:	07/17/2018	

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

Total Attachments: 6

source=84048793 - Signed Combined Declaration and Assignment (65080-2981) - all 6 inventors with filing info#page1.tif

source=84048793 - Signed Combined Declaration and Assignment (65080-2981) - all 6 inventors with filing info#page2.tif

source=84048793 - Signed Combined Declaration and Assignment (65080-2981) - all 6 inventors with filing info#page3.tif

source=84048793 - Signed Combined Declaration and Assignment (65080-2981) - all 6 inventors with filing info#page4.tif

source=84048793 - Signed Combined Declaration and Assignment (65080-2981) - all 6 inventors with filing info#page5.tif

source=84048793 - Signed Combined Declaration and Assignment (65080-2981) - all 6 inventors with filing info#page6.tif

Title of Invention

Attorney Docket Number	84048793(65080-2981)
Audiney Docket Ivallibet	04040122(02000-2201)

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)

VEHICLE LOAD PREDICTION

This declaration is directed to:
The attached application, or United States application or PCT international application number 16/037,689 filed on July 17, 2018 (I hereby authorize the insertion of the application filing date and number into this form when they become known.)
number that this form when they occome 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. 16/037,689
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: David Michael Herman Date: 7/16/20/49
Signature: Jud Cemu '
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	84048793(65080-2981)
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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)

Title of Invention	VEHICLE LOAD PREDICTION	
This declaration is directed	ed to:	
X United		tion number rize the insertion of the application filing date and
The above-identified app	lication was made or authorized to be made by r	ne.
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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		ntability as defined in 37 C.F.R. 1.56, including for available between the filing date of the prior uation-in-part application.
FORD GLOBAL TECHT of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its sufor the inventions and diname or names, or in my insert the serial/applicat 16/037,689 ASSIGNEE, its success applications, in and to the including all application reexaminations and reissu	NOLOGIES, LLC, a Ford Motor Company subset, having its principal place of business at Dear the ASSIGNEE, its successors, assigns or other legal, in and to the inventions and discoveries is accessors, assigns or other legal representatives accessors, assigns or other legal representatives are name, at its or their election (and I hereby authorized in number and filing date of the application, Filing Date July 17, 2018 ors, assigns or other legal representatives, as inventions and discoveries in any and all courses claiming benefit of the filing date hereof the applications.	tual obligation, I do sell, assign and set over unto sidiary, organized and existing by virtue of the laws arborn, County of Wayne, and State of Michigan, her legal representatives, the entire right, title and in the above-identified invention including the right to make applications and to receive Letters Patent intergovernmental organizations, in its or their own horize the ASSIGNEE or ASSIGNEE's attorney to ion to receive Letters Patent herein: Serial No.), and I hereby sell, assign and set over to the all rights of priority, including any provisional intries, entities and intergovernmental organizations, continuations, continuations-in-part, divisionals,
including applications fo organizations, and to per	r Letters Patent of any and all kinds and in an	egal representatives to execute any and all papers, y and all countries, entities and intergovernmental is successors, assigns or other legal representatives if set over.
And I hereby represent ar	nd warrant that I have not granted any rights inc	onsistent with the rights granted herein.
•	at any willful false statement made in this declarate than five (5) years or both.	aration is punishable under 18 U.S.C. 1001 by fine
LEGAL NAME OF INV. Inventor: David A.		Date: July 13, 2018
	l A. Herman	
	Sheet (PTO/SB/14 or equivalent), including namin	g the entire inventive entity, must accompany this form.

Attorney Docket Number	84048793(65080-2981)
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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 TECH. of the State of Delaware hereinafter referred to as interest, domestic and fo of the ASSIGNEE, its suffor the inventions and diname or names, or in my insert the serial/applica 16/037,689 ASSIGNEE, its success applications, in and to the including all application reexaminations and reissign.	••	
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.	
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: Nunzio D	ENTOR eCia Date: 7/16/15	
Signature: Nullzio D		
<u> </u>		
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form on form for each additional inventor.	

Title of Invention

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)

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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. 16/037,689, Filing Date						
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: David Joseph Orris Date: July 16, 2018						
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.						
Ose an additional deciatation form for each additional inventor.						

Attorney Doc	cket Number	84048793	(65080-2981)

ASSIGNMENT AND DECLAR ATION (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	VEHICLE LO	OAD PREDICTION
This declaration is directe	d to:	
X United	ached application States application 7,689 filed on	, or or PCT international application number uly 17, 2018. (I hereby authorize the insertion of the application filing date and
number into this form wh	en they become k	nown.)
The above-identified appl	ication was made	or authorized to be made by me.
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FORD GLOBAL TECHN of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and disname or names, or in my insert the serial/applicat 16/037,689 ASSIGNEE, its success applications, in and to the including all application reexaminations and reissu	NOLOGIES, LLC, having its princ the ASSIGNEE, eign, in and to the cessors, assigns coveries in any a name, at its or the community of the coveries in any a name, at its or the community of the coveries in and coveries assigns or a sinventions and coveries claiming beneve applications.	eretofore made or by contractual obligation, I do sell, assign and set over unto a Ford Motor Company subsidiary, organized and existing by virtue of the laws cipal place of business at Dearborn, County of Wayne, and State of Michigan, its successors, assigns or other legal representatives, the entire right, title and e inventions and discoveries in the above-identified invention including the right or other legal representatives to make applications and to receive Letters Patent all countries, entities and intergovernmental organizations, in its or their own leir election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to filing date of the application to receive Letters Patent herein: Serial No. [2018] (and I hereby sell, assign and set over to the other legal representatives, all rights of priority, including any provisional discoveries in any and all countries, entities and intergovernmental organizations fit of the filing date hereof, continuations, continuations-in-part, divisionals,
including applications for organizations, and to perf	Letters Patent of Corm any and all	successors, assigns or other legal representatives to execute any and all papers, f any and all kinds and in any and all countries, entities and intergovernmental acts which the ASSIGNEE, its successors, assigns or other legal representatives ights herein sold, assigned and set over.
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I hereby acknowledge that or imprisonment of not m		e statement made in this declaration is punishable under 18 U.S.C. 1001 by fine years or both.
LEGAL NAME OF INVI Inventor: Nicholas A	ENTOR Alexander Scheuf	Date:
Signature:	6 Alex	ander Sche M
react	Shoot (DTO/SD/)	or equivalent), including naming the entire inventive entity, must accompany this form.
Note: An Application Data Use an additional declaration	form for each add	itional inventor.

Title of Invention

RECORDED: 07/17/2018

Attorney Docket Number	84048793(65080-2981)
rittorne, Boeket ritamoer	01010795(05000 2901)

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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: Stephen Jay Orris, Jr. Date: 7/12/2018				
Signature: Stephen & Ornio Jr.				
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.				