PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5313157

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW NIEDERT	12/18/2018
CHRISTOPHER ERIC ALLARD	12/18/2018
KEVIN STANTON GIAIER	12/18/2018
PETER SIMEON LAZAREVSKI	12/18/2018

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:	16230776

CORRESPONDENCE DATA

Fax Number: (312)580-9696

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: 3125801020

Email: nbetancourt@hfzlaw.com

Correspondent Name: HANLEY FLIGHT & ZIMMERMAN, LLC

Address Line 1: 150 S. WACKER DRIVE

Address Line 2: SUITE 2200

Address Line 4: CHICAGO, ILLINOIS 60606

DATE SIGNED:	01/08/2019
SIGNATURE:	/Mark G. Hanley/
NAME OF SUBMITTER:	MARK G. HANLEY
ATTORNEY DOCKET NUMBER:	20305/84069393

Total Attachments: 4

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Please direct all correspondence to:

Attorney Docket Number	84069393	

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 APPARATUS FOR A MODULAR DOUBLE PIN LOAD SENSOR COUPLED TO A HITCH RECEIVER	
This declaration is directe		
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 appl	ication was made or authorized to be made by me.	
I hereby state that I have r claims.	reviewed and understand the contents of the specification in the above-identified application, including the	
I believe that I am the orig	ginal 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		
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 INVE Inventor: <u>Andrew Nied</u>	() / / ¬ /-	
Signature:	Date. 15/1920/	
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	84069393	

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The above-identified appl	ication was made or authorized to be made by me.	
I hereby state that I have relaims.	eviewed and understand the contents of the specification in the above-identified application, including the	
I believe that I am the orig	ginal 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		
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.		
	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or than five (5) years or both.	
LEGAL NAME OF INVI		
Inventor: Christophe	er Eric Allard Date: ングガノシウ	
Signature:		
Note: An Application Data	Sheet (PTO/SR/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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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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The attached application, or United States application or PCT international application number			
this form when they becor	filed on (I hereby authorize the insertion of the application filing date and number into ne known.)		
The above-identified appli	ication was made or authorized to be made by me.		
I hereby state that I have reclaims.	eviewed and understand the contents of the specification in the above-identified application, including the		
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continuation-in-part applic	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for cations, material information which became available between the filing date of the prior application and ational filing date of the continuation-in-part application.		
GLOBAL TECHNOLOG Delaware, having its princ ASSIGNEE, its successors the inventions and discove legal representatives to ma entities and intergovernme authorize the ASSIGNEE Letters Patent herein: Ser assign and set over to the provisional applications, ir	ent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD IES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of ipal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the s, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to ries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other aske applications and to receive Letters Patent for the inventions and discoveries in any and all countries, ental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive ial No		
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 INVE			
Signature: Kevin Stan	ton Giaier Date: 12/18/18 \(\lambda \)		
Note: An Application Data additional declaration form for	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an or each additional inventor.		

RECORDED: 01/08/2019

Attorney Docket Number	84069393

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☐ The atta	ached application, or 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	me 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	
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	nd 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 INVE Inventor: <u>Peter Sime</u>	ENTOR eon Lazarevski Date: 12/18/18
Signature: Reter	r Loyarevski
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.	