506761286 07/12/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6808103

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAN BREMKENS	06/29/2021
DANIEL F. SLAVIN	06/29/2021
SIMON NOLDEN	06/25/2021
TOMAS MAWYIN	06/28/2021
ALEX GIDLEY	06/28/2021

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	17373327			

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:	84387756(65080-4107)
NAME OF SUBMITTER:	NATHAN A. SMITH
SIGNATURE:	/Nathan A. Smith/
DATE SIGNED:	07/12/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT

REEL: 056827 FRAME: 0740

Total Attachments: 5

source=84387756-Signed-Combined-Declaration-and-Assignment--all-5-inventors with filing info (65080-4107)#page1.tif

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source=84387756-Signed-Combined-Declaration-and-Assignment--all-5-inventors with filing info (65080-4107)#page5.tif

Attorney Docket Number	84387756(65080-4107)
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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)

VEHICLE STEERING SYSTEM

This declaration is dire	ected to:				
X Uni	attached application, or ted States application or PCT international application number [373,327] filed on Jul 12, 2021. (I hereby authorize the inse		of the application filing date and		
number into this form	when they become known.)				
The above-identified a	application was made or authorized to be made by me.				
I hereby state that I I including the claims.	nave reviewed and understand the contents of the specification	on in	the above-identified application,		
I believe that I am the	original inventor or an original joint inventor of a claimed inventor	ention	in the application.		
continuation-in-part a	y to disclose information which is material to patentability as applications, material information which became available tional or PCT international filing date of the continuation-in-patental states.	betwe	een the filing date of the prior		
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. 17/373,327					
including applications organizations, and to	or myself, my heirs, successors, assigns or other legal represent for Letters Patent of any and all kinds and in any and all comperform any and all acts which the ASSIGNEE, its successor to secure thereto the rights herein sold, assigned and set over.	ountrie	es, entities and intergovernmental		
And I hereby represen	t and warrant that I have not granted any rights inconsistent wi	th the	rights granted herein.		
	that any willful false statement made in this declaration is pu	ınishal	ble under 18 U.S.C. 1001 by fine		
· · · · · · · · · · · · · · · · · · ·	t more than five (5) years or both.				
LEGAL NAME OF IN Inventor: Jan Bro		۵٠	6/29/2021		
		e			
Signature: /Jan i	Bremkens/				
	Data Sheet (PTO/SB/14 or equivalent), including naming the entire in ation form for each additional inventor.	nventiv	ve entity, must accompany this form.		

Attorney Docket Number	84387756(65080-4107)

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 STEERING SYSTEM

This declaration	n is directe	ed to:			
Number into th	United 				n of the application filing date and
The above-ide	ntified app	lication was made or au	thorized to be made by me	e.	
I hereby state including the c		e reviewed and unders	tand the contents of the s	specification i	n the above-identified application,
I believe that I	am the ori	ginal inventor or an orig	ginal joint inventor of a cla	aimed inventio	on in the application.
continuation-in	n-part app	lications, material info		available betv	ned in 37 C.F.R. 1.56, including for ween the filing date of the prior opplication.
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. 17/373,327 , Filing Date July 12, 2021), 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.					
		at any willful false state nore than five (5) years o		ation is punish	nable under 18 U.S.C. 1001 by fine
LEGAL NAM Inventor:	E OF INVI Daniel F.			Date:	6/29/2021
Signature: _		F. Slavin/		Date.	
		a Sheet (PTO/SB/14 or equently form for each additional		the entire inven	tive entity, must accompany this form.

Attorney Docket Number 84327756(65080-4107)

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 STEERING SYSTEM

This declaration is directed to:
The attached application, or United States application or PCT international application number \frac{17/373,327 \text{filed on Jul 12, 202} (thereby authorize the insertion of the application filing date an 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.
am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including to 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.
Parsuant 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 law 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 overname or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attenties insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 17/373,327. Filing Date July 12, 2021.), 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 organization 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 intergovernmenta 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. 1(8)1 by fine or insprisonment of not more than five (5) years or both.
UEGAL NAME OF INVENTOR Insertor: Simon Nolden / Dine: Sunce 25 1/2 2024
Seguntare Same
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, most occumpany this form. Use an additional declaration form for each additional inventor.

Attorney Docket Number 84387756(65080-4107)

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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This declarat	ion is directe	ed to:			
number into	United <u>17/37</u>		international application num $rac{1}{2}$. (I hereby authorize the		of the application filing date and
The above-id	lentified app	lication was made or author	rized to be made by me.		
I hereby stat including the		e reviewed and understand	d the contents of the specif	ication ir	n the above-identified application,
I believe that	I am the ori	ginal inventor or an origina	al joint inventor of a claimed	invention	n in the application.
continuation-	-in-part appl	lications, material informa		ıble betw	ed in 37 C.F.R. 1.56, including for the filing date of the prior plication.
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. 17/373,327, Filing Date					
including all	l application				d intergovernmental organizations continuations-in-part, divisionals,
including apporganizations	plications fo s, and to per	or Letters Patent of any and form any and all acts which	d all kinds and in any and a	all countri	ves to execute any and all papers, ies, entities and intergovernmental signs or other legal representatives
And I hereby	represent ar	nd warrant that I have not g	ranted any rights inconsister	nt with the	e rights granted herein.
		at any willful false statement ore than five (5) years or b		is punisha	able under 18 U.S.C. 1001 by fine
LEGAL NAMI	ME OF INVI Tomas Ma			Date:	6/28/2021
Signature:		Mawyin/			
		a Sheet (PTO/SB/14 or equiva on form for each additional inv		tire invent	ive entity, must accompany this form.

RECORDED: 07/12/2021

Attorney Docket Number 84387756(65080-4107)

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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\boxtimes	The attached application, or United States application or PCT international application number 17/373,327 filed on Jul 12, 2021. (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. 17/373,327, Filing DateJuly 12, 2021), 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 (Inventor: _A	OF INVENTOR lex Gidley Date: 6/28/2021	
/Δ	Alex Gidley/	
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.		
an additional d		