PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7612570

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AHMED BENMIMOUN	10/25/2022
MOHAMED BENMIMOUN	10/26/2022
SUFIAN ASHRAF MAZHARI	10/26/2022
MOHSEN LAKEHAL-AYAT	10/26/2022
MUHAMMAD ADEEL AWAN	10/26/2022

RECEIVING PARTY DATA

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	1 AMERICAN RD.
Internal Address:	FL4
City:	DEABORN
State/Country:	MICHIGAN
Postal Code:	48126-2701

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18050054

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 TECHNOLOGIES, LLC

Address Line 1: 2000 TOWN CENTER

Address Line 2: SUITE 800

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER:	84516345(65080-4529)
NAME OF SUBMITTER:	CHRISTOHER B. KILNER
SIGNATURE:	/Christopher B. Kilner/
DATE SIGNED:	10/27/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT

507565679 REEL: 061553 FRAME: 0311

Total Attachments: 5

source=84516345 - Signed Combined Declaration and Assignment FGTL - 65080-4529 - all 5 inventors with filing info#page1.tif

source=84516345 - Signed Combined Declaration and Assignment FGTL - 65080-4529 - all 5 inventors with filing info#page2.tif

source=84516345 - Signed Combined Declaration and Assignment FGTL - 65080-4529 - all 5 inventors with filing info#page3.tif

source=84516345 - Signed Combined Declaration and Assignment FGTL - 65080-4529 - all 5 inventors with filing info#page4.tif

source=84516345 - Signed Combined Declaration and Assignment FGTL - 65080-4529 - all 5 inventors with filing info#page5.tif

Attorney Docket Number	84516345(65080-4529)

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)

CONTROLLING VEHICLE FUNCTIONS

This declaration is directed to:		
The attached application, or United States application or PCT international application number 18/050,054 filed on Oct. 27, 2022 (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. 18/050,054		
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: Ahmed Benmimoun Date:		
Signature: /Ahmed Benmimoun/		
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	84516345(65080-4529)
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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 above-ide	dentified application was made or authorized to be made	by me.	
I hereby state including the	te that I have reviewed and understand the contents of eclaims.	of the specification in	the above-identified application,
I believe that	t I am the original inventor or an original joint inventor	of a claimed invention	in the application.
continuation-	of the duty to disclose information which is material to a-in-part applications, material information which beand the national or PCT international filing date of the co	came available between	een the filing date of the prior
FORD GLOE of the State of hereinafter re- interest, dome of the ASSIG for the invent name or name insert the se 18/050,054		subsidiary, organized Dearborn, County of other legal representies in the above-identitives to make applicate and intergovernmental authorize the ASSIG lication to receive L), and I hereby	and existing by virtue of the laws f Wayne, and State of Michigan, natives, the entire right, title and iffied invention including the right ions and to receive Letters Patent I organizations, in its or their own ENEE or ASSIGNEE's attorney to etters Patent herein: Serial No. by sell, assign and set over to the
applications, including all	, its successors, assigns or other legal representative, in and to the inventions and discoveries in any and all applications claiming benefit of the filing date herons and reissue applications.	countries, entities and	d intergovernmental organizations
including approrganizations	y agree for myself, my heirs, successors, assigns or other polications for Letters Patent of any and all kinds and its, and to perform any and all acts which the ASSIGNE eccessary to secure thereto the rights herein sold, assigned	n any and all countrices, its successors, ass	es, entities and intergovernmental
And I hereby	y represent and warrant that I have not granted any rights	s inconsistent with the	rights granted herein.
	enowledge that any willful false statement made in this ment of not more than five (5) years or both.	declaration is punisha	able under 18 U.S.C. 1001 by fine
LEGAL NAM Inventor:	ME OF INVENTOR Mohamed Benmimoun	Date:	2022/26/10
	/Mohamed Benmimoun/	Date.	
Signature:			
	oplication Data Sheet (PTO/SB/14 or equivalent), including nonal declaration form for each additional inventor.	aming the entire inventi	ve entity, must accompany this form.

Attorney Docket Number	84516345(65080-4529)

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 above-identified	application was made or authorized to be made by m	ne.
I hereby state that I including the claims.	have reviewed and understand the contents of the	e specification in the above-identified application
I believe that I am the	e original inventor or an original joint inventor of a c	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. 18/050,054		
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 I Inventor: Sufian	INVENTOR n Ashraf Mazhari	Date: 26-10-2022
	ïan Ashraf Mazhari/	
	Data Sheet (PTO/SB/14 or equivalent), including naming	g the entire inventive entity, must accompany this form
Use an additional declar	ration form for each additional inventor.	

Attorney Docket Number	84516345(65080-4529)

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)

CONTROLLING VEHICLE FUNCTIONS

This declaration	is directed	d to:				
number into this	United \$		international application num 022 (I hereby authorize the		of the application filing date and	
The above-ident	ified appli	ication was made or autho	rized to be made by me.			
I hereby state the including the cla		e reviewed and understan	d the contents of the speci-	fication in	the above-identified application,	
I believe that I as	m the orig	ginal inventor or an origina	al joint inventor of a claimed	l invention	in the application.	
continuation-in-	part appli	ications, material inform		able betwe	d in 37 C.F.R. 1.56, including for the filing date of the prior dication.	
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. 18/050,054, Filing Date _October 27, 2022), 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 applic organizations, ar	ations for nd to perfe	Letters Patent of any and orm any and all acts which	d all kinds and in any and a	all countrie essors, assi	es to execute any and all papers, es, entities and intergovernmental gns or other legal representatives	
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.						
or imprisonment	t of not mo	ore than five (5) years or b		is punisha	ble under 18 U.S.C. 1001 by fine	
LEGAL NAME				Dotai	10/26/2022	
1		kehal-Ayat n Lakehal-Ayat/		Date: _		
Signature:						
		Sheet (PTO/SB/14 or equival form for each additional inv		tire inventiv	ve entity, must accompany this form.	

RECORDED: 10/27/2022

Attorney Docket Number	84516345(65080-4529)
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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	CONTROLLING VEHICLE	FUNCTIONS					
This declaration is directed to:							
	tached application, or I States application or PCT internation 0.054 filed on Oct. 27, 2022 (I here they become known.)		of the application filing date and				
The above-identified app	olication was made or authorized to be	e made by me.					
I hereby state that I have including the claims.	ve reviewed and understand the con	tents of the specification is	n the above-identified application,				
I believe that I am the ori	iginal inventor or an original joint inv	entor of a claimed inventio	n 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. 18/050,054, Filing DateOctober 27, 2022), 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 o							
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 the five (5) years or both.	n this declaration is punish	able under 18 U.S.C. 1001 by fine				
LEGAL NAME OF INV		Date:	10/26/2022				
-	nmad Adeel Awan/	Date.					
-							
	a Sheet (PTO/SB/14 or equivalent), including form for each additional inventor.	iding naming the entire invent	ave entity, must accompany this form.				