PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6831782

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHIN-YUAN PERNG	07/15/2021
DENGFU ZHANG	07/15/2021

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:	17383149

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.

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Correspondent Name: BURRIS LAW PLLC

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ATTORNEY DOCKET NUMBER:	KET NUMBER: 84383460	
NAME OF SUBMITTER:	ROBERT VOAKES	
SIGNATURE:	/Robert Voakes/	
DATE SIGNED: 07/26/2021		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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PATENT 506784963 REEL: 056977 FRAME: 0542

Attorney Docket Number	84383460	
ASSIGNMENT AND	DECLARATION (37 C.F	R. 1.63) FOR UTILITY, PROVISIONAL OR
		LICATION DATA SHEET (37 C.F.R. 1.76)
Title of Invention V	EHICLE DRIVELINE CO	MPONENT
This declaration is directed t	0:	
		nal application number by authorize the insertion of the application filing date and
The above-identified applica	ation was made or authorized to b	e made by me.
I hereby state that I have re including the claims.	viewed and understand the conte	nts of the specification in the above-identified application,
I believe that I am the origin	al inventor or an original joint in	ventor of a claimed invention in the application.
for continuation-in-part app	lications, material information w	erial to patentability as defined in 37 C.F.R. 1.56, including hich became available between the filing date of the prior f 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		
including applications for Leorganizations, and to perf	etters Patent of any and all kinds form any and all acts which	or other legal representatives to execute any and all papers, and in any and all countries, entities and intergovernmental the ASSIGNEE, its successors, assigns or other legal its herein sold, assigned and set over.
And I hereby represent and	warrant that I have not granted an	y 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

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: Chin-Yuan Perng Date: 07/15/2021

Signature: /Chin-Yuan Perng/

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 84383460	
ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY, PROVISIONA	
DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.7	6)
Title of Invention VEHICLE DRIVELINE COMPONENT	
This declaration is directed to:	
The attached application, or United States application or PCT international application number filed on 07/22/2021 (I hereby authorize the insertion of the application filing number into this form when they become known.)	date and
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 apprincluding the claims.	lication
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, in for continuation-in-part applications, material information which became available between the filing date of 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 of FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtuals of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entitle and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified in including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make application receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergover organizations, in its or their own name or names, or in my name, at its or their election (and I hereby author ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to Letters Patent herein: Serial No	ne of the State of ire right, inventior as and to rimental orize the preceived, and dirights of entities
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergover organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other representatives may deem necessary to secure thereto the rights herein sold, assigned and set over	rnmental

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.

	AME OF INVENTOR		
Inventor:	Dengfu Zhang	Date: 07/15/2021	
Signature:	/Dengfu Zhang/		

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.

RECORDED: 07/26/2021

PATENT REEL: 056977 FRAME: 0544