505894296 01/31/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5940997

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BORIS CURUVIJA	01/31/2020
BAOMING GE	01/31/2020
FAN XU	01/31/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16778808

CORRESPONDENCE DATA

Fax Number: (248)358-3351

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: 248-358-4400

Email: cflood@brookskushman.com **BROOKS KUSHMAN P.C./FGTL Correspondent Name:**

Address Line 1: 1000 TOWN CENTER

Address Line 2: 22ND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075-1238

ATTORNEY DOCKET NUMBER:	84209100
NAME OF SUBMITTER:	BENJAMIN C. STASA
SIGNATURE:	/Benjamin C. Stasa/
DATE SIGNED:	01/31/2020

Total Attachments: 3

source=Assignment FMC9644PUSPDF#page1.tif source=Assignment_FMC9644PUSPDF#page2.tif

 $source = Assignment_FMC9644PUSPDF\#page3.tif$

Attorney Docket Number	84209100

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	VARIABLE MUTUAL OFF TIME CONTROL FOR AUTOMOTIVE
This declaration is direct	POWER CONVERTER
This deciaration is direct	50 tu:
	tached 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 wh	nen they become known.)
The above-identified app	lication was made or authorized to be made by me.
I hereby state that I have including the claims.	re reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the or	iginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for dications, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its st for the inventions and di name or names, or in minsert the serial/applica 16/778,808 ASSIGNEE, its success applications, in and to the including all application reexaminations and reiss. And I hereby agree for	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent scoveries in any and all countries, entities and intergovernmental organizations, in its or their own mame, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to tion number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
organizations, and to pe may deem necessary to s	rform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives becure thereto the rights herein sold, assigned and set over.
	and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of not r	nat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.
LEGAL NAME OF INV Inventor: Boris Cu	Fit 7 t / 2 mm m m
Signature: Boris Cu	Company Date Type
orgnature. Proprie	
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.

Attorney Docket Number	84209100

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		OFF TIME CONTR	COL FOR AUTOMOTIVE
This declaration is discort	POWER CONVERTER		
This declaration is directed to: X 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 app	lication was made or authorized to	be made by me.	
I hereby state that I havincluding the claims.	re reviewed and understand the co	ontents of the specification	in the above-identified application,
I believe that I am the ori	iginal inventor or an original joint in	aventor of a claimed invention	on 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.			
FORD GLOBAL TECHI of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its sa for the inventions and diname or names, or in my insert the serial/applican 16/778,808 ASSIGNEE, its success applications, in and to th including all application reexaminations and reissi	NOLOGIES, LLC, a Ford Motor C a, having its principal place of but s the ASSIGNEE, its successors, a reign, in and to the inventions and necessors, assigns or other legal rep scoveries in any and all countries, name, at its or their election (and tion number and filing date of	company subsidiary, organizes iness at Dearborn, County assigns or other legal representatives to make applice entities and intergovernment. I hereby authorize the ASSI the application to receive 1, 2020), and I heresentatives, all rights of pay and all countries, entities a date hereof, continuations.	I do sell, assign and set over unto ed and existing by virtue of the laws of Wayne, and State of Michigan, sentatives, the entire right, title and entified invention including the right eations and to receive Letters Patent tal organizations, in its or their own IGNEE or ASSIGNEE's attorney to Letters Patent herein: Serial No. reby sell, assign and set over to the priority, including any provisional and intergovernmental organizations, continuations-in-part, divisionals,
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 statement made nore than five (5) years or both.	in this declaration is punis	hable under 18 U.S.C. 1001 by fine
LEGAL NAME OF INV	ENTOR		
Inventor: Baoming	Ge	Date:	Jan. 51, 2020
Signature: A	\		
	a Sheet (PTO/SB/14 or equivalent), inc	cluding naming the entire inver	ntive entity, must accompany this form.

Please direct all correspondence to: 28395

Attorney Docket Number 84209100		
Transfer of the control of the contr	Attorney Docket Number	84209100

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	VARIABLE MUTUAL OFF TIME CONTROL FOR AUTOMOTIVE POWER CONVERTER	
This declaration is direct	ed to:	
X 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 app	lication was made or authorized to be made by me.	
I hereby state that I have including the claims.	re reviewed and understand the contents of the specification in the above-identified application,	
I believe that I am the or	iginal inventor or an original joint inventor of a claimed invention in the application.	
continuation-in-part app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for disclose, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.	
FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its si for the inventions and di name or names, or in m insert the serial/applica 16/778,808 ASSIGNEE, its succes applications, in and to ti including all applicatio reexaminations and reiss And I hereby agree for including applications for	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent scoveries in any and all countries, entities and intergovernmental organizations, in its or their own value, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to tion number and filing date of the application to receive Letters Patent herein: Serial No., Filing Date January 31, 2020, and I hereby sell, assign and set over to the sors, assigns or other legal representatives, all rights of priority, including any provisional te inventions and discoveries in any and all countries, entities and intergovernmental organizations are claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, we applications. 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 rform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives.	
]	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 INV Inventor: <u>Fan Xu</u>	ENTOR Date: //3 / /2020	
Signature:	720 N2	
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. on form for each additional inventor.	

PATENT REEL: 051687 FRAME: 0529

RECORDED: 01/31/2020