08/21/2019 505633637

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5680443

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YANTAO SONG	08/20/2019
BAOMING GE	08/20/2019
LIHUA CHEN	08/21/2019
FAN XU	08/20/2019
SERDAR HAKKI YONAK	08/21/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16547284

CORRESPONDENCE DATA

Fax Number: (313)322-7162

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

1000 TOWN CENTER Address Line 1:

Address Line 2: 22ND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075-1238

ATTORNEY DOCKET NUMBER:	84151932
NAME OF SUBMITTER:	BENJAMIN C. STASA
SIGNATURE:	/Benjamin C. Stasa/
DATE SIGNED:	08/21/2019

Total Attachments: 5 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif

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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	AUTOMOTIVE POWER	CONVERTER	WITH	RAIL-POWERED
771: 1 1 1 1 1	CLAMPING CIRCUITRY			· · · · · · · · · · · · · · · · · · ·
This declaration is direct	ed to:			
United	tached application, or States application or PCT internations filed on (I here	al application number	ion of the a	Oplication filing date and
number into this form wh	en they become known.)	•	•••	ppouton ming dute und
The above-identified app	lication was made or authorized to be	made by me.		
I hereby state that I have including the claims.	e reviewed and understand the conte	ents of the specification	n in the abo	ve-identified application,
I believe that I am the ori	ginal inventor or an original joint inve	ntor of a claimed inven	tion in the ap	pplication.
communion-m-part appr	disclose information which is material ications, material information which all or PCT international filing date of the	i became available be	etween the	C.F.R. 1.56, including for 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. 16/547284				
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: Lihua Che			1 4	1 2 . 0
Signature:		Date:	Ango	21, 2017
Note: An Application Data S	Sheet (PTO/SB/14 or equivalent), includin form for each additional inventor.	ng naming the entire inver	ntive entity, n	nust accompany this form.

Please direct all correspondence to: 28395

At	orney Docket Number	84151932	

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This declaration is directed	ed to:		
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The above-identified app	lication was made or authorized to be made by me.		
I hereby state that I hav including the claims.	re reviewed and understand the contents of the specification in the above-identified application,		
I believe that I am the ori	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. 16/547284			
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 INV Inventor: Fan Xu	ENTOR Date: E/20 / >>/ \rangle		
Signature:	Panon Date.		
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.			

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Attorney Docket Number	84151932

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Title of Invention	AUTOMOTIVE POWER CONVERTER WITH RAIL-POWERED CLAMPING CIRCUITRY		
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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. 16/547284, Filing DateAugust 21, 2019), 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 OF INV			
Inventor: Yantao Se	ne Date: 8/20/2017		
Signature:			
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.		

Attorney Docket Number	84151932

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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 or imprisonment of not more	to man nive (3) years or	nent made in thi	s declaration is punish	able under	18 U.S.C. 1001 by fine	
LEGAL NAME OF INVEN	NTOR			σ. O.		
Inventor: Baoming Ge	>		Date:	DXI	20/2019	
Signature:	12/			У Т	7 7 7	
Note: An Application Data SI Use an additional declaration for	heet (PTO/SB/14 or equivorm for each additional in	valent), including	naming the entire invent	tive entity, m	ust accompany this form.	

Please direct all correspondence to: 28395

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or imprisonment of not more than five (5) years or both.							
LEGAL NAME OF INV	ENTOR	7,	8 0 V	8	121119		
Inventor: Sendar H	kki Yonak		Date:				
Signature: JAA /							
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.							

PATENT REEL: 050123 FRAME: 0290

RECORDED: 08/21/2019