PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4280305

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD SIMON BOEREMA	02/16/2017
VIJAY KUMAR CHIMAKURTHY	02/16/2017
MARK STEWARD	02/16/2017
DENGFU ZHANG	02/16/2017

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:	15435749

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

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Address Line 4: SOUTHFIELD, MICHIGAN 48075-1238

NAME OF SUBMITTER: MICHAEL N. MACCALLUM SIGNATURE: /Michael N. MacCallum/	ATTORNEY DOCKET NUMBER:	83733759	
SIGNATURE: /Michael N. MacCallum/	NAME OF SUBMITTER:	MICHAEL N. MACCALLUM	
	SIGNATURE:	/Michael N. MacCallum/	
DATE SIGNED: 02/17/2017	DATE SIGNED:	02/17/2017	

Total Attachments: 4

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Please direct all correspondence to: 28395

Attorney Docket Number	

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	SNUBBER TRANSMISS		SCOOP	FEATURE	FOR	AUTOMOTIVE
This declaration is direct						<u> </u>
X The att	iached application, :States application	or PCT inter			of the appli	ication: filling date and
aminet incime form wr	icit með necomé ku	OMITY				
The above-identified app	lication was made o	or authorized	d to be made by	me.		
I hereby state that I have including the claims.	e reviewed and ur	iderstand the	e contents of th	e specification in	the above-	identified application,
I believe that I am the ori	ginal inventör, or ar	ı original joi	nt inventor;of a	claimed invention	in the appli	cation.
I am aware of the duty to continuation-in-part app application and the nation	lications, material	information	which becam	e available betwe	en the filli	
Pursuant to my employn FORD GLOBAL TECHI of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its stor the inventions and diname or names, or in my insert the serial/applicated 15/435,749 ASSIGNEE, its success applications, in and to the including all application reexaminations and reissed. And I hereby agree for the state of the state	NOLOGIES, LLC, a, having its princi- s the ASSIGNEE, reign, in and to the accessors, assigns of scoveries in any an mame, at its or the tion number and	a Ford Moto pal place of its successor inventions a r other legal d all countri ir election (a filing date Februal ther legal r scoveries in t of the fil	or Company sub- business at Do rs, assigns or o and discoveries I representatives les, entitles and and I hereby au of the applica- ry 17, 2017 representatives, any and all co- ing date hereo	sidiary, organized carborn, County of ther legal represent in the above-identics to make application to receive Legal rights of pricanties, entities and f. continuations, c	and existing Wayne, ar tatives, the fied inventions and to organization NEE or AS etters. Pater y sell, assignity, incluintergover continuation	g by virtue of the laws and State of Michigan, entire right, title and ion including the right receive Letters Patent ons, in its or their own SIGNEE's attorney to the therein: Serial No. 37 and set over to the ding any provisional mmental organizations as-in-part, divisionals,
And I hereby agree for including applications for organizations, and to per may deem necessary to so	r Letters Patent of form any and all a	any and all cts which th	kinds and in a e ASSIGNEE,	ny and all countrie	s, entities a	and intergovernmental
And I hereby represent a	nd warrant that I ha	ve not grant	ed any rights in	consistent with the	rights grant	ed herein.
I hereby acknowledge the or imprisonment of not n			nade in this dec	laration is punishal	ole under 1	8 U.S.C. 1001 by fine
LEGAL NAME OF INV	ENTOR				0/11	1,3
Inventor: Richard S	limon Boerema	1		Date:	2/10	11+
Signature: Aich	m/somme?	Wur.	Control of the Contro	***************************************		
Note: An Application Data				ng the entire inventiv	ė gritity, mu	st accompany this form.

Attorney Docket Number	83733759

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	SNUBBER TRANSMISS	WITH ION	SCOOP	FEATURE	FOR	AUTOMOTIVE
This declaration is direct			li di di di di kita di mana mana mana mana mana mana mana man			
X The at United		or PCT inter			of the appli	ication filing date and
The above-identified app	lication was made	or authorized	l to be made by	me.		
I hereby state that I have including the claims.	e reviewed and un	iderstand the	e contents of th	ne specification in	the above-	identified application,
I believe that I am the ori	ginal inventor or a	n original jol	nt inventor of a	claimed invention	in the appli	ication.
I am aware of the duty to continuation-in-part app application and the nation	lications, material	information	which becam	e available betwe	en the fili	
Pursuant to my employed FORD GLOBAL TECHI of the State of Delaward hereinafter referred to as interest, domestic and for of the ASSIGNEE, its statement of the inventions and displayed the serial/applications. The serial/applications applications, in and to the including all application reexaminations and reisses.	NOLOGIES, LLC, a, having its principation in and to the reign, in and to the recessors, assigns of anne, at its or the tion number and filing Date fors, assigns or of inventions and discussions benefit	a Ford Moto pal place of its successor inventions a or other legal d all countri- ir election (a filing date Februar ther legal r	or Company sub business at Di rs, assigns or c and discoveries I representative es, entitles and and I hereby au of the applica y 17, 2017 representatives, any and all co	esidiary, organized carborn, County of ther legal represent in the above-identists to make applicate intergovernmental thorize the ASSIG tion to receive L), and I hereball rights of priorities, entities and	and existing f Wayne, and tatives, the iffied inventions and to organization NEE or AS effers Pater y sell, assignify, included intergover	g by virtue of the laws and State of Michigan, dentire right, title and ion including the right-teceive Letters Patent ons, in its or their own-SIGNEE's attorney to not berein: Serial No. gn and set over to the ding any provisional mental organizations
And I hereby agree for a including applications for organizations, and to per may deem necessary to si	or Letters Patent of form any and all a	any and all	kinds and in a e ASSIGNEE,	ny and all countrie its successors, assi	es, entities a	and intergovernmental
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.						
I hereby acknowledge the or imprisonment of not n	ore than five (5) yo		nade in this dec	laration is punisha	ble under l	8 Ú.S.C. 1001 by fine
LEGAL NAME OF INV Inventor: Vijay Kur	ENTOR mar Chimakuethy			Date:	16 th F	eb, 2017
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	•/		***************************************			
Note: An Application Date Use an additional declaration				ng the entire inventi-	ve entity, mu	ist accompany this form,

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Attorney Docket Number	83733759

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	TRANSMISSION
This declaration is direct	
X The at	tached application, or I 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.	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 discations, 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 sifor the inventions and diname or names, or in my insert the serial/applica 15/435,749 ASSIGNEE, its succes applications, in and to the including all application reexaminations and reiss	
including applications for organizations, and to pe	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 secure thereto the rights herein sold, assigned and set over.
And I hereby represent a	nd 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	- / have a / 1/ 2 x / 7
Signature: Man	I Steward
Note: An Application Dat Use an additional declaration	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. on form for each additional inventor.

RECORDED: 02/17/2017

Attorney Docket Number	83733759

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)

	SNUBBER TRANSMISSI	WITH ON	SCOOP	FEATURE	FOR	AUTOMOTIVE
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 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. 15/435,749 , Filing Date February 17, 2017 , 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 INVE	NTOR			V	02/1	14/17
Inventor: Dengfu Zh Signature:	Mhy	/		_ Date: _	00/1	0///
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.						