503970027 08/22/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4016683

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES WRIGHT	08/08/2016
PETER GEORGE BRITTLE	08/09/2016
MATTHEW MITCHELL	08/16/2016
PASPULETI ASHISH KUMAR NAIDU	08/05/2016

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:	15233514

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: 248-358-4400

Email:cdara@brookskushman.comCorrespondent Name:BROOKS KUSHMAN P.C.Address Line 1:1000 TOWN CENTER

Address Line 2: TWENTY-SECOND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER:	83699301
NAME OF SUBMITTER:	DAVID S. BIR
SIGNATURE:	/David S. Bir/
DATE SIGNED:	08/22/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 039496 FRAME: 0048

503970027

Total Attachments: 4 source=Assignments#page1.tif source=Assignments#page2.tif source=Assignments#page3.tif source=Assignments#page4.tif

Please direct all correspondence to: 28395

-	Attorney Docket Number	83699301	

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	METHOD OF PROTECTING A	DIESEL PARTICULATE FILTER FROM		
	OVERHEATING			
This declaration is direct				
	tached application, or			
	States application or PCT international ap	olication number uthorize the insertion of the application filing date and		
number into this form wh		motize the insertion of the application thing care and		
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 contents of	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.		
continuation-in-part app	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 su for the inventions and di name or names, or in my insert the serial/applicat 15/233,514 ASSIGNEE, its success applications, in and to th including all application reexaminations and reissu And I hereby agree for a including applications for organizations, and to per	NOLOGIES, LLC, a Ford Motor Company e, having its principal place of business as the ASSIGNEE, its successors, assigns or eign, in and to the inventions and discoveraccessors, assigns or other legal representations are in any and all countries, entities a name, at its or their election (and I herebytion number and filing date of the approper principal place August 10, 2016 fors, assigns or other legal representative inventions and discoveries in any and all as claiming benefit of the filing date have applications. The property of the property of the filing date have applications. The property of the filing date have applications.	tractual obligation, I do sell, assign and set over unto subsidiary, organized and existing by virtue of the laws. Dearborn, County of Wayne, and State of Michigan, or other legal representatives, the entire right, title and ries in the above-identified invention including the right rives to make applications and to receive Letters Patent and intergovernmental organizations, in its or their own authorize the ASSIGNEE or ASSIGNEE's attorney to lication to receive Letters Patent herein: Serial No. —), and I hereby sell, assign and set over to the res, all rights of priority, including any provisional countries, entities and intergovernmental organizations areof, continuations, continuations-in-part, divisionals, ther legal representatives to execute any and all papers, in any and all countries, entities and intergovernmental DE, its successors, assigns or other legal representatives of 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 in this nore than five (5) years or both.	declaration is punishable under 18 U.S.C. 1001 by fine		
LEGAL NAME OF INV	ENTOR	rolaniii		
Inventor: <u>James W</u>	right	Date: <u>53/08/16</u>		
Signature: Signature:	nes Wright			
Note: An Application Date	Shoot (BTO/SB/1/4 or aguitationt) including	aming the entire inventive entity, must accompany this form.		
	n Sneet (PTO/SB//4 or equivalent), including it	anning the entire inventive entity, must accompany this form.		

Attorney Docket Number	83699301

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	METHOD OF PROTECTING A DIESEL PARTICULATE FILT OVERHEATING	ER FROM
This declaration is direc	ried to:	
☐ Unite	nttached application, or ad States application or PCT international application number	Hing date and
The above-identified ap	oplication was made or authorized to be made by me.	
I hereby state that I hat including the claims.	ave reviewed and understand the contents of the specification in the above-identifie	ed application,
I believe that I am the or	original inventor or an original joint inventor of a claimed invention in the application.	
continuation-in-part up	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, pplications, material information which became available between the filing date onal or PCT international filing date of the continuation-in-part application.	
FORD GLOBAL TECH of the State of Delawa hereinafter referred to interest, domestic and for the ASSIGNEE, its for the inventions and chame or names, or in minsert the serial/applica 15/233,514 ASSIGNEE, its succeapplications in and to the including all application reexaminations and reis and I hereby agrees for including applications.	yment agreement heretofore made or by contractual obligation, I do sell, assign and HNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtare, having its principal place of business at Dearborn, County of Wayne, and State as the ASSIGNEE, its successors, assigns or other legal representatives, the entire of foreign, in and to the inventions and discoveries in the above-identified invention inch successors, assigns or other legal representatives to make applications and to receive discoveries in any and all countries, entities and intergovernmental organizations, in it my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE cation number and filing date of the application to receive Letters Patent hereins, Filing Date August 10, 2016, and I hereby sell, assign and sessors, assigns or other legal representatives, all rights of priority, including an the inventions and discoveries in any and all countries, entities and intergovernmental ions claiming benefit of the filing date hereof, continuations, continuations-in-parsence applications. The myself, my heirs, successors, assigns or other legal representatives to execute any after Letters Patent of any and all kinds and in any and all countries, entities and interpretations and all acts which the ASSIGNEE, its successors, assigns or other legal of the perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives.	tue of the laws of Michigan, right, title and uding the right Letters Patent is or their own is sattorney to me Serial No. set over to the ty provisional organizations it, divisionals, and all papers, rgovernmental
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 herei	m,
or imprisonment of not	that any willful false statement made in this declaration is punishable under 18 U.S.C more than five (5) years or both.	. 1001 by fine
LEGAL NAME OF IN	IVENTOR	99%
Inventor: Peter Go	eorge Brittle Date:	<u> </u>
Signature: 24	6,55	
	sata Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accom-	ipany this form.

Title of Invention

the agent of the beginning to

F & Sand Company 200 and Long As for mortising	00000001	
	83699301	

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR ETILITY, PROVISIONAL OR THE DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.K.R. 1.76)

METHOD OF PROTECTING A DIESEL PARTICULATE FILTER FROM

OVERHEATING
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 filling 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 priscipal 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. 15/233,514
And I hereby sigree 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 doem 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: Matthew Mitchell Date: 14 - 0 8 - 15
Inventor: Matthew Mitchell Date: 16 0 8 - 16
Signature: 12724 JUL
Nose: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration for each additional inventor.

The state of the s	
Attorney Docket Number 83899301	
Companied respect Common Consistent	

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	METHOD OF PROTECTING A DIESEL PARTICULATE FILTER FROM OVERHEATING
This declaration is direc	ted to:
☐ Unite	ttached application, or d States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and then they become known.)
rammer may may them w	aca may boosta salemay
The above-identified ap	plication was made or authorized to be made by me.
I hereby state that I had including the claims.	we reviewed and understand the contents of the specification in the above-identified application.
I believe that I am the o	riginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part ap	to disclose information which is material to patentiability as defined in 37 C.F.R. 1.56, including for plications, material information which became available between the filing date of the prior snal or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECH of the State of Delawa hereinafter referred to a interest, domestic and fi of the ASSIGNEE, its after the inventions and drame or names, or in minsert the serial/applications in and to take the serial applications, in and to take the including all applications and reist And I hereby agree for including applications of the serial applications of the serial applications.	ment agreement heretofore made or by contractual obligation. I do sell, assign and set over unto fNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws re, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and oreign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent discoveries in any and all countries, entities and intergovernmental organizations, in its or their own y name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ation number and filting date of the application to receive Letters Patent herein; Serial No. — Filing DateAugust 10, 2016), and I hereby sell, assign and set over to the stors, assigns or other legal representatives, all rights of priority, including any provisional he 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, assemblications. The patent of any and all kinds and in any and all countries, entities and intergovernmental orform 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 necepy represent	and warrant that I have not granted any rights inconsistent with the rights granted herein.
	hat 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 IN	MNTOR
Inventor: Paspulet	i Asinish Kumur Naidu Danc 25/444/2016
Signature:	444=
	ta Sheet (PTO/SB/14 or equivalent), including naming the emire inventive entity, must accompany this form.

PATENT REEL: 039496 FRAME: 0053

RECORDED: 08/22/2016