PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2886866

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAMANJANEYA REDDY BUTUKURI	05/29/2014
YI TONY QU	05/30/2014
CHRIS STEPHEN O'CONNOR	06/02/2014
AHTERAM KHAN	05/29/2014

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:	14297490		

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: 313-528-4882 docket@bvbip.com

Correspondent Name: BEJIN, VANOPHEM & BIENEMAN PLC FORD GLOB

Address Line 1: 300 RIVER PLACE

Address Line 2: SUITE 1650

Address Line 4: DETROIT, MICHIGAN 48207

ATTORNEY DOCKET NUMBER:	83435269(65080-1197)	
NAME OF SUBMITTER: CHARLES A. BIENEMAN		
SIGNATURE:	/Charles A. Bieneman/	
DATE SIGNED: 06/05/2014		
This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 4

PATENT

502840270 REEL: 033043 FRAME: 0219

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PATENT REEL: 033043 FRAME: 0220

Attorney Docket Number	83435269(65080-1197)

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	DEFLECTOR STRUCTURE					
This declaration is directed to:						
United	ached application, or States application or PCT international application number filed on					
The above-identified appl	ication was made or authorized to be made by me.					
I hereby state that I have including the claims.	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 orig	ginal inventor or an original joint inventor of a claimed invention in the application.					
continuation-in-part appli	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for ications, material information which became available between the filing date of the prior all 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.						
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 an	d warrant that I have not granted any rights inconsistent with the rights granted herein.					
I hereby acknowledge that	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine ore than five (5) years or both.					
LEGAL NAME OF INVI	ENTOR SULVEYEL) , ,					
Inventor: Ramanian	<u> PAREBURUKUN (RAMANJANEYA REDDY</u> Date: <u>OS/29/14</u>					
Signature:	anay.					
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: 033043 FRAME: 0221 Please direct all correspondence to: 113140

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83435269(65080-1197)

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 Inventi	on	DEFLECTO	R STRUCT	URE				
This declaration is directed to:								
		ached application, States application	or PCT intere	ntional applic		·	_	
The above-identif	fied appl	ication was made	or authorized	to be made by	me.			
I hereby state the including the claim		s reviewed and u	inderstand the	contents of t	he specificat	ion in the a	bove-identified	application,
I believe that I am	r the ori	ginal inventor or s	n original join	it inventor of a	a claimed inv	ention in the	application.	
I am aware of the continuation-in-p application and th	art appl	ications, material	l information	which becan	ne available	between th	e filing date	including for of the prior
Pursuant to my e FORD GLOBAL of the State of D heroinafter referr interest, domestic of the ASSIGNE for the inventions name or names, c insert the serial/ ASSIGNEE, its applications, in a including all apprecxaminations ar	TECHN Delaware ed to as and for E, its su s and dis or in my applicat success and to the	NOLOGIES, LLC , having its princ the ASSIGNEE, eign, in and to the occessors, assigns cooveries in any a name, at its or th ion number and, Filing Dat ors, assigns or o e inventions and o s claiming benefit	, a Ford Motor ipal place of its successor; o inventions as or other logal and all countrie oir election (a filing date of e other legal re discoveries in	r Company subusiness at D s, assigns or e nd discoveries representative es, entities and I hereby a of the applica epresentatives, any and all oc	bsidiary, organization, Control legal resident lega	anized and example of Way apresentative elications at mental organ ASSIGNEE clive Letters, hereby sell, of priority, les and interpresentations.	xisting by virtu- me, and State as, the entire ri- nvention included and to receive I sizations, in its or ASSIGNEE Patent berein assign and se including any governmental of	te of the laws of Michigan, ght, title and ling the right etters Patent or their own is attorney to: Serial No. It over to the provisional organizations
And I hereby againcluding applica organizations, and may deem necess	tions for d to per	r Letters Patent o form any and all	f any and all acts which the	kinds and in a ASSIGNEE,	any and all o its successor	ountries, ent	ities and interg	governmental
And I hereby repu	resent ar	nd warrant that I h	ave not grante	d any rights ir	iconsistent w	ith the rights	granted herein	L.
I hereby acknowled or imprisonment	of not m	ore than five (5) y		ade in this de	claration is p	unishable un	der 18 U.S.C.	1001 by fine
LEGAL NAME (Inventor: Y1 (To	OF INVI	ENTOR Y	(Tony)	Qn	Da	te:	2/30/20	14
Use an additional d	cclaratio	n form for each add	itional inventor.		-		- •	-

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REEL: 033043 FRAME: 0222

Attorney Docket Number	83435269(65080-1197)

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 Inventi	on DEFLECTOR STRUCTURE			
This declaration is directed to:				
The attached application, or United States application or PCT international application number filed on				
The above identi	fied application was made or authorized to be made by me.			
I hereby state thincluding the claim	at I have reviewed and understand the contents of the specification in the above-identified application, ims.			
I believe that I ar	n the original inventor or an original joint inventor of a claimed invention in the application.			
continuation-in-p	e duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for part applications, material information which became available between the filing date of the prior the national or PCT international filing date of the continuation-in-part application.			
FORD GLOBAL of the State of I hereinafter referencements, domestic of the ASSIGNE for the invention name or names, insert the serial ASSIGNEE, its applications, in a including all ap reexaminations a And I hereby ag including applications applications applications applications applications are applications and applications app	Employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, red to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and c and foreign, in and to the inventions and discoveries in the above-identified invention including the right is successors, assigns or other legal representatives to make applications and to receive Letters Patent and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to application number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————			
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 acknow or imprisonment	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of not more than five (5) years or both.			
LEGAL NAME	OF INVENTOR			
Inventor: _C	Thris Stephen O'Connor Date: \$\inf \inf \inf \inf \inf \inf \inf \inf			
Signature: Clim Signature O'Communication				
Note: An Applica	ation Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.			

PATENT REEL: 033043 FRAME: 0223

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	DEFLECTOR STRUCTURE
This declaration is directed to:	
United United	tached application, or States application or PCT international application numberfiled on
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.	
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 INVENTOR	
Inventor:Ahtstam_	
Signature: A 1500/10	
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: 033043 FRAME: 0224

RECORDED: 06/05/2014