PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3533589

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT ANDREW WADE	08/20/2015
DAVID KRENK	08/21/2015
ZIKUN LU	08/20/2015
BRIAN SIWEK	08/20/2015

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:	14858914

CORRESPONDENCE DATA

Fax Number: (503)459-4142

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: 503-459-4141 Email: enabnit@ahmrt.com

Correspondent Name: ALLEMAN HALL MCCOY RUSSELL & TUTTLE, LLP

Address Line 1: 806 S.W. BROADWAY, SUITE 600 PORTLAND, OREGON 97205 Address Line 4:

ATTORNEY DOCKET NUMBER:	83561173
NAME OF SUBMITTER:	JIBEK ENABNIT
SIGNATURE:	/Jibek Enabnit/
DATE SIGNED:	09/18/2015

Total Attachments: 4

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Attorney Docket Number	83561173

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	EXHAUST RUNI	NER COLLAR		
This declaration is directed to:				
United	tached application, or States application or PCT international application in filed on	number		
The above-identified app	lication was made or authorized to be made by me.			
I hereby state that I hav including the claims.	e reviewed and understand the contents of the spe	ecification in the above-identified application,		
I believe that I am the original	ginal inventor or an original joint inventor of a claim	ned invention in the application.		
continuation-in-part appl	disclose information which is material to patentabi lications, material information which became ava- tal or PCT international filing date of the continuation	ailable between the filing date of the prior		
of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its surfor the inventions and disname or names, or in my insert the serial/applications and the ASSIGNEE, its successed applications, in and to the	nent agreement heretofore made or by contractual of NOLOGIES, LLC, a Ford Motor Company subsidiars, having its principal place of business at Dearbor the ASSIGNEE, its successors, assigns or other leagn, in and to the inventions and discoveries in the occessors, assigns or other legal representatives to make the company and all countries, entities and intergual name, at its or their election (and I hereby authorization number and filing date of the application to provide the second of th	y, organized and existing by virtue of the laws m. County of Wayne, and State of Michigan, egal representatives, the entire right, title and above-identified invention including the right take applications and to receive Letters Patent governmental organizations, in its or their own the the ASSIGNEE or ASSIGNEE's attorney to receive Letters Patent herein: Serial No. and I hereby sell, assign and set over to the lights of priority, including any provisional sentities and intergovernmental organizations.		
organizations, and to perf	nyself, my heirs, successors, assigns or other legal. Letters Patent of any and all kinds and in any and form any and all acts which the ASSIGNEE, its succure thereto the rights herein sold, assigned and set out the set of the rights herein sold.	d all countries, entities and intergovernmental		
And I hereby represent an	d warrant that I have not granted any rights inconsist	tent with the rights granted herein.		
I hereby acknowledge tha or imprisonment of not mo	t any willful false statement made in this declaration ore than five (5) years or both.	on is punishable under 18 U.S.C. 1001 by fine		
LEGAL NAME OF INVE	ENTOR	and I		
Inventor: Robert And		Date: <u>\$/20//5</u>		
Signature:	LAWell			
Note: An Application Data	Sheet (PTO/S9/14 of aggingland) Sach diagrams			
Lise as additional declaration	Sheet (PTO/SB/14 or equivalent), including naming the	course inventive entity, must accompany this form.		

Attorney Docket Number	83561173

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 EXHAUST RUNNER COLLAR			
This declaration is	s direct	ed to:	
		States application, or States application or PCT international application number filed on	
The above-identif	ied app	lication was made or authorized to be made by me.	
I hereby state the including the claim		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.	
continuation-in-pa	art app	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for lications, material information which became available between the filing date of the prior hal 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. 14/858,914 , Filing Date September 18,2015), 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 repr	esent ar	nd warrant that I have not granted any rights inconsistent with the rights granted herein.	
		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 C	F INV	ENTOR O/ /	
	ivid Kr		
Signature:	and the state of t	-gu de American grantentetet	
		Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	

Attorney Docket Number 83561173				
	At	torney		

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Title of Invention EXHAUST RUNNER COLLAR			
This declaration is di	cted to:		
Un Un	attached application, or ed States application or PCT internationa filed on		
The above-identified	pplication was made or authorized to be r	made by me.	
I hereby state that I including the claims.	ave reviewed and understand the conte	ents of the specification in the above-identified application,	
I believe that I am the	original inventor or an original joint inven	entor of a claimed invention in the application.	
continuation-in-part		ial to patentability as defined in 37 C.F.R. 1.56, including for the became available between the filing date of the prior the continuation-in-part application.	
FORD GLOBAL TE of the State of Delay hereinafter referred t interest, domestic and of the ASSIGNEE, it for the inventions and name or names, or in insert the serial/app 14/858,914 ASSIGNEE, its suc applications, in and to including all applicareexaminations and references.	HNOLOGIES, LLC, a Ford Motor Compare, having its principal place of busine as the ASSIGNEE, its successors, assignering in and to the inventions and discussors assigns or other legal repression discoveries in any and all countries, enting name, at its or their election (and I hereation number and filing date of the principal place sessors, assigns or other legal representate inventions and discoveries in any and ions claiming benefit of the filing dates applications.	by contractual obligation, I do sell, assign and set over unto appany subsidiary, organized and existing by virtue of the laws tess at Dearborn, County of Wayne, and State of Michigan, igns or other legal representatives, the entire right, title and scoveries in the above-identified invention including the right esentatives to make applications and to receive Letters Patent titles and intergovernmental organizations, in its or their own hereby authorize the ASSIGNEE or ASSIGNEE's attorney to a application to receive Letters Patent herein: Serial No. $18,2015$), and I hereby sell, assign and set over to the contatives, all rights of priority, including any provisional and all countries, entities and intergovernmental organizations ate hereof, continuations, continuations-in-part, divisionals,	
including application organizations, and to	for Letters Patent of any and all kinds a	or other legal representatives to execute any and all papers, and in any and all countries, entities and intergovernmental SIGNEE, its successors, assigns or other legal representatives signed and set over.	
And I hereby represen	and warrant that I have not granted any t	rights inconsistent with the rights granted herein.	
	that any willful false statement made in more than five (5) years or both.	this declaration is punishable under 18 U.S.C. 1001 by fine	
LEGAL NAME OF I	VENTOR	Date: 8/20/15	
Inventor: Zikun	7111	Date: 8/20/15	
Signature:		*****	
	ata Sheet (PTO/SB/14 or equivalent), includition form for each additional inventor.	ding naming the entire inventive entity, must accompany this form.	

Title of Invention

RECORDED: 09/18/2015

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Attorney Docket Number	83561173

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)

EXHAUST RUNNER COLLAR

This declaration is directed to:	
This decimation is uncered to:	
	The attached application, or
	United States application or PCT international application number
	filed 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 Pord 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. 14/858,914 , Filing Date September 18,2015), 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. 1901 by fine	
or imprisonment of not more than five (5) years or both.	
LEGAL NAME (OF INVENTOR
Inventor: B	rian Siwek Date: <u>연구 20 20 명</u>
Signature:	Specialist Com Shared
Note: An Applicat	tion 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.	