PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2875819

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GERHARD G. G. LUESCHEN	05/20/2014
DRAGAN B. STOJKOVIC	05/20/2014
ERNEST DICKS JR	05/20/2014
DAVID EDWARD PAUL	05/20/2014
CHRISTOPHER JOHN MAY	05/20/2014

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:	14290137

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

Address Line 1: 1000 TOWN CENTER

Address Line 2: 22ND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075-1238

ATTORNEY DOCKET NUMBER:	83436261
NAME OF SUBMITTER:	KYLE G. KONZ
SIGNATURE:	/Kyle G. Konz/
DATE SIGNED:	05/29/2014

Total Attachments: 5

REEL: 032988 FRAME: 0565 502829223

PATENT



Title of Invention	VEHICLE FRONT END JOINT
This declaration is o	firected to:
	he attached application, or Inited States application or PCT international application number filed on
The above-identifie	d application was made or authorized to be made by me.
I hereby state that including the claims	I have reviewed and understand the contents of the specification in the above-identified application, s.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part	uty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for applications, material information which became available between the filing date of the prior national or PCT international filing date of the continuation-in-part application.
FORD GLOBAL T of the State of Del hereinafter referred interest, domestic a of the ASSIGNEE, for the inventions a name or names, or insert the serial/ap 14/290,137 ASSIGNEE, its stapplications, in and including all applicexaminations and	ployment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto ECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws aware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and nd foreign, in and to the inventions and discoveries in the above-identified invention including the right its 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 in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to replication number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
organizations, and	ons for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives y to secure thereto the rights herein sold, assigned and set over.
And I hereby repres	sent and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of	ige that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine not more than five (5) years or both.
LEGAL NAME OF	
	hard G.G. Lueschen Date: 5/20/17
Signature:	
	n Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

- A	83436261	5
Attorney Docket Number	N 444 4N 1N 1	,

little of inventi	100	VEHICLE FROM I END JOIN I
This declaration i	is directe	d to:
¹ X	United:	sched application, or States application or PCT international application numberfiled on
The above-identi	fied appl	ication was made or authorized to be made by me.
I hereby state the including the claim		reviewed and understand the contents of the specification in the above-identified application,
I believe that I ar	n the oris	ginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-p	art appl	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 alor PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of I hereinafter referrinterest, domestic of the ASSIGNE for the invention name or names, insert the serial 14/290,137 ASSIGNEE, its applications, in a	TECHN Delaware red to as c and fore E, its sue s and dis or in my /applicati successe and to the plication	ent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto iOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws, having its principal place of business at Dearborn. County of Wayne, and State of Michigan, the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and eign, in and to the inventions and discoveries in the above-identified invention including the right coessors, assigns or other legal representatives to make applications and to receive Letters Patent coveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to for number and filing date of the application to receive Letters Patent herein: Serial No., Filing Date May 29, 2014, and I hereby sell, assign and set over to the ors, assigns or other legal representatives, all rights of priority, including any provisional inventions and discoveries in any and all countries, entities and intergovernmental organizations of claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, eapplications.
including applications, are	ations for ad to perf	hyself, my heirs, successors, assigns or other legal representatives to execute any and all papers, Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives cure thereto the rights herein sold, assigned and set over.
And I hereby rep	resent an	d warrant that I have not granted any rights inconsistent with the rights granted herein.
		it 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		
Inventor: <u>C</u>	ragan B	Stojkovie Date: 5 2 7 4
Signature:	Lrag	in Myler
		Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Form for each additional inventor.

Attorney Docket Number 83436261	

Title of Invention	VEHICLE FRONT END JOINT
This declaration is direct	ed to:
United	States application, or States application or PCT international application number filed on
The above-identified app	fication 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 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	o 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 nal or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECH of the State of Delaward hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its store the inventions and diname or names, or in my insert the serial/applica 14/290,137 ASSIGNEE, its success applications, in and to the including all application reexaminations and reiss. And I hereby agree for including applications for organizations, and to perform the state of the stat	NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws at the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent scoveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to tion number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
And I hereby represent a	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 nore than five (5) years or both.
LEGAL NAME OF INV	ENTOR
Inventor: Ernest D Signature: Ern	icks, Ir. Date: 5/20/14- It Diela Ja
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.

Attorney Docket Number 83436261	83436261	Attorney Docket Number

Title of Inventi	on VEHICLE FRONT END JOINT			
This declaration is directed to:				
X.	The attached application, or United States application or PCT international application numberfiled on			
The above-identif	fied 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 an	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 filling date of the application to receive Letters Patent herein: Serial No. 14/290,137 , Filing Date May 29, 2014), 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 filling 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 (Inventor: _ D	OF INVENTOR avid Edward Paul Date: 5 ZC ZC / ZC / 4			
Signature				
	tion Data Sheet (PTO/SB/14 or equivalent), including maining the entire inventive entity, must accompany this form, leclaration form for each additional inventor.			

Please direct all correspondence to: 28395

Attorney E	Jocket Number	83436261	

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	VEHICLE FRONT END JOINT				
This declaration is directed	ed to:				
United United	ached application, or 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 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. 14/290,137 , Filing Date May 29, 2014), 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	ENTOR (m/s, / s, t)				
Inventor: Christoph	er John May Date: // 20// J				
Signature:	record for the second s				
	s Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.				

PATENT REEL: 032988 FRAME: 0571

RECORDED: 05/29/2014