PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2812301

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID ALAN STEPHENSON	04/01/2014
TIMOTHY GEORGE BEYER	04/01/2014
KEITH RAYMOND BARTLE	04/02/2014
MACKENZIE THOMAS VAN LOON	04/01/2014

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:	14251732

CORRESPONDENCE DATA

Fax Number: (313)322-7162

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 248-358-4400

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

Address Line 1: 1000 TOWN CENTER

Address Line 2: 22ND FLOOR

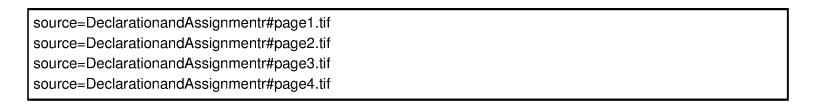
Address Line 4: SOUTHFIELD, MICHIGAN 48075-1238

ATTORNEY DOCKET NUMBER:	83403155
NAME OF SUBMITTER:	JODY RICHMOND
SIGNATURE:	/Jody Richmond/
DATE SIGNED:	04/14/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

PATENT

REEL: 032663 FRAME: 0688



Attorney Docket Number	83403185
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Time of invention Cilinder Bore Surface Profile And Process		CTLINDER BURE SURFACE PROFILE ARD PROCESS
This declaration	is directs	ed to;
X	United	States application or PCT international application number filed on
The above-identi	ified app	lication was made or authorized to be made by me.
I hereby state the including the cla		e reviewed and understand the contents of the specification in the above-identified application,
I believe that I a	m 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 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. 14/251,732 Filing Date April 14, 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 wiliful 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:		an Stephenson Date: April 2014
Signature:	bes.	1A10-35
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.		

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Attorney Docket Number	83403155

Title of Invent	ion CYLINDER BORE SURFACE PROFILE AND PROCESS		
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 the including the cla	nat 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 he 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. 14/251,732 , Filing Date April 14, 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.			
including applic organizations, a	gree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, ations for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental nd to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives sary 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.			
	OF INVENTOR		
Inventor:	Fimothy George Beyer Date: 4 1 2014		
Signature:	Candy Marga Bayar		
	ation Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.		

Attorney Docket Number	DOMOGRAM	***************************************	_
AMOUNTS DOCKEL WHITDER	83403155		

Title of Invent	ion	CYLINDER BORE	SURFACE PROF	ILE AND	PRO	CES	S
This deal			······································				
This declaration	s arece	ed to:					
×	The an	tached application, or					
	United	States application or PCT is	nternational application _ filed on	number			
The above-identi	fied app	dication was made or author	zed to be made by me.				
I hereby state the including the clai	at I hav ms.	e reviewed and understand	the contents of the s	pecification	in the	above-	identified application,
I believe that I an	the ori	ginal inventor or an original	joint inventor of a clai	med invent	ion in th	e appli	cation.
O/4444444441051-185-259	ы с. арқи	o disclose information which lications, material informat nal or PCT international filin	108 William became a	vailable ha	Franciscon F	Sec. C31.	R. 1.56, including for ng date of the prior
of the State of D hereinafter referre interest, domestic of the ASSIGNER for the inventions name or names, o insert the serial/a 14/251,732 ASSIGNEE, its applications, in an	elaware d to as and for , its su and dis r in my applicati successe d to the	nent agreement heretofore in NOLOGIES, LLC, a Ford M is, having its principal place the ASSIGNEE, its successeign, in and to the inventior eccessors, assigns or other lescoveries in any and all cour name, at its or their election ion number and filing dat, Filing DateAprors, assigns or other legal inventions and discoveries claiming benefit of the capplications.	of business at Dearbo sors, assigns or other is and discoveries in the gal representatives to stries, entities and inter trand I hereby authori- te of the application in 14, 2014 representatives, all	ary, organizorm, County legal representation above-ide make application application application received, and I here rights of processing applications applications.	ed and control was sentative entified in cations a stal organism IGNEE Letters reby sell priority,	existing yne, an es, the inventi- and to a nizatio or ASS Paten assign	g by virtue of the laws and State of Michigan, entire right, title and ion including the right receive Letters Patent ans, in its or their own SIGNEE's attorney to at herein; Serial No. In and set over to the ding any provisional
organizations, and	to perf	nyself, my heirs, successors, Letters Patent of any and a form any and all acts which cure thereto the rights hereir	III KINGS and in any at the ASSIGNEE its en	id all count	mine and	litian me	أأك والمستركسة
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.							
a amprimorancia o	THE THE	t any willful false statement are than five (5) years or bot	made in this declarati h.	on is punis	hable un	der 18	U.S.C. 1001 by fine
EGAL NAME O nventor: Kei						2 -	2014
Nignature: 2	CA	nond Bartle L Raymand	Burth	Date:			17
lote: An Applications se an additional dec	n Data S laration	Sheet (PTO/SB/14 or equivaler form for each additional invent	n), including naming the	entire inven	tive entit	y, must	t accompany this form.

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incomment	HON	CILINDER BURE SURFACE PROFILE AND PROCESS
This declaration	is direct	ed to:
Š	The attached application, or United States application or PCT international application number filed on	
The above-ident	ified app	lication was made or authorized to be made by me:
I hereby state to including the cla	hat I hav tims.	e reviewed and understand the contents of the specification in the above-identified application,
I believe that I a	m the ori	ginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-	part 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 all or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of hereinafter refer interest, domesti of the ASSIGNI for the inventior name or names, insert the serial 14/251,73 ASSIGNEE, its applications, in:	L TECH? Delaware red to as ic and for EE, its su as and dis or in my dapplicat 32 success and to the optlication	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws to 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 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 accessors, assigns or other legal representatives to make applications and to receive Letters Patent accessors 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 ion number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
including applic organizations, a	ations for nd to per	nyself, my heirs, successors, assigns or other legal representatives to execute any and all papers, r 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 coure thereto the rights herein sold, assigned and set over.
And I hereby rep	resent ar	id warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment	of not m	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 Inventor:		Thomas Van Loon Date: QH/O1/2014
Signature:	232	- Clar Con
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: 032663 FRAME: 0693

RECORDED: 04/14/2014