504632300 11/08/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4679018

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STUART SALTER	11/06/2017
PAUL KENNETH DELLOCK	11/07/2017
PIETRO BUTTOLO	11/07/2017
JAMES J. SURMAN	11/07/2017
CORNEL GARDNER	11/07/2017

RECEIVING PARTY DATA

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	330 TOWN CENTER DRIVE
City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48126

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15806455

CORRESPONDENCE DATA

Fax Number: (248)988-8363

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: 248-988-8360

Email: docket@cgolaw.com

Correspondent Name: CARLSON, GASKEY & OLDS, P.C./FORD

Address Line 1: 400 W. MAPLE RD.

Address Line 2: SUITE 350

Address Line 4: BIRMINGHAM, MICHIGAN 48009

ATTORNEY DOCKET NUMBER: 83910412; 67186-507PUS1		
NAME OF SUBMITTER: BENJAMIN J. COON		
SIGNATURE:	/Benjamin J. Coon/	
DATE SIGNED:	11/08/2017	
This document serves as an Oath/Declaration (37 CFR 1.63).		

PATENT REEL: 044069 FRAME: 0691

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Total Attachments: 5 source=507PUS1_Declarations_Executed#page1.tif source=507PUS1_Declarations_Executed#page2.tif source=507PUS1_Declarations_Executed#page3.tif source=507PUS1_Declarations_Executed#page4.tif source=507PUS1_Declarations_Executed#page5.tif

Attorney Docket Number	83910412; 67186-507PUS1	

ſ	REATABLE VEHICLE KEYPAD ASSEMBLY AND KEYPAD HEATING		
This declaration is directed t			
[hed application, or ates application or PCT international application number.		
The above-identified applica	ation was made or authorized to be made by me.		
I hereby state that I have including the claims.	reviewed and understand the contents of the specification in the above-identified application,		
I believe that I am the origin	nal inventor or an original joint inventor of a claimed invention in the application.		
continuation-in-part applies	isclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for ations, material information which became available between the filing date of the prior or PCT international filing date of the continuation-in-part application.		
FORD GLOBAL TECHNO of the State of Delaware, hereinafter referred to as the interest, domestic and foreign of the ASSIGNEE, its successor the inventions and disconame or names, or in my nainsert the serial/application 15/806455 ASSIGNEE, its successors applications, in and to the infinituding all applications reexaminations and reissue as			
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.		
or imprisonment of not more	any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine e than five (5) years or both.		
LEGAL NAME OF INVEN			
Inventor: Stuart Salter Signature:	Lie A C & Ma.		
menum.			
Note: An Application Data Sl Use an additional declaration for	heet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, for each additional inventor.		

Attorney Docket Number	83910412; 67186-507PUS1	

Title of Invention	HEATABLE VEHICLE KEYPA METHOD	D ASSEMBLY AND KEYPAD HEAT	ING
This declaration is direct	ed to:		
United	tached application, or I States application or PCT international app filed on (I hereby and they become known.)	plication number uthorize the insertion of the application filing dat	te:and
The above-identified app	ofication was made or authorized to be made	e by me.	
I hereby state that I have including the claims.	ve reviewed and understand the contents of	of the specification in the above-identified applic	ation,
I believe that I am the or	iginal inventor or an original joint inventor	of a claimed invention in the application.	
continuation-in-part app		patentability as defined in 37 C.F.R. 1.56, includi- scame available between the filing date of the continuation-in-part application.	
FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its s for the inventions and d name or names, or in m insert the serial/applica 15/806455 ASSIGNEE, its succes applications, in and to t including all application reexaminations and reise And I hereby agree for including applications f organizations, and to pe	NOLOGIES, LLC, a Ford Motor Company re, having its principal place of business a is the ASSIGNEE, its successors, assigns or oreign, in and to the inventions and discove successors, assigns or other legal represental iscoveries in any and all countries, entities y name, at its or their election (and I hereby ation number and filing date of the approperation, Filing Date November 8, 201 issors, assigns or other legal representative inventions and discoveries in any and allows claiming benefit of the filing date has use applications. myself, my heirs, successors, assigns or other Letters Patent of any and all kinds and	intractual obligation, I do sell, assign and set over a subsidiary, organized and existing by virtue of the at Dearborn, County of Wayne, and State of Micro or other legal representatives, the entire right, titleries in the above-identified invention including the atives to make applications and to receive Letters and intergovernmental organizations, in its or their by authorize the ASSIGNEE or ASSIGNEE's attomplication to receive Letters Patent herein: Seria 17), and I hereby sell, assign and set over lives, all rights of priority, including any provide countries, entities and intergovernmental organization, continuations-in-part, divisionally and all countries, entities and intergovernmental erganization and erga	e laws higan, le and e right Patent ir own ney to al No. to the isional cations ionals, mental
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 IN		Date: 11/2/2017	
3	aneth Dellock	Date:	
Signature:	Kongle Dallore,		
Note: An Application Da	ta Sheet (PTO/SB/14 or equivalent), including	naming the entire inventive entity, must accompany thi	s form.
	ion form for each additional inventor.	PATENT	

Attorney Docket Number	83910412; 67186-507PUS1

Title of Invention	HEATABLE VEHICLE KEYPAD ASSEMBLY AND KEYPAD HEATING METHOD			
This déclaration is directed to:				
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 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 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 Delaward hereinafter referred to as interest, domestic and for of the ASSIGNEE, its suffer the inventions and diname or names, or in my insert the serial/applica 15/806455 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 s	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 e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is 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. ———————————————————————————————————			
	nd 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	1. 7 A~ 1.21 1.31			
Inventor: Pietro Bu	110 Date: 11/07/701/			
oignature:				
	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	83910

83910412; 67186-507/PUS1

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	HEATABLE VEHICLE KEYPAD ASSEMBLY AND KEYPAD HEATING
	METHOD
This declaration is directed to:	
United	States application, or States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and
number into this form wh	en they become known.)
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 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.
Lam 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 TECH of the State of Delaward hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its state for the inventions and diname or names, or in my insert the serial/applica 15/806455 ASSIGNEE, its success applications, in and to the including all application reexaminations and reiss. 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 11/7/22/7
Inventor: James J.	Surman Date: 1// / //
Signature:	W / AMERICAN
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Attorney Docket Number	83910412; 67186-5	507PUS1
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little of invention	METHOD	
This declaration is directed to:		
	ached application, or States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and en they become known.)	
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 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.	
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 15/806455 , Filing Date November 8, 2017), 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 a	nd 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 Inventor: Cornel Ga		
Signature: (Min	1 h. dud	
Note: An Application Data	a 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
RECORDED: 11/08/2017 REEL: 044069 FRAME: 0697