#### 504007414 09/15/2016

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4054071

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ERIK J. CHRISTEN	09/13/2016
JASWANT-JAS S. DHILLON	09/13/2016
DEREK HARTL	09/14/2016

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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:	15266275	

#### **CORRESPONDENCE DATA**

Fax Number: (248)358-3351

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2483584400

Email: tjoslyn@brookskushman.com BROOKS KUSHMAN P.C. **Correspondent Name:** Address Line 1: 1000 TOWN CENTER Address Line 2: TWENTY-SECOND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER:	83706007
NAME OF SUBMITTER:	ISHEETA T. PATEL
SIGNATURE:	/Isheeta T. Patel/
DATE SIGNED:	09/15/2016

**Total Attachments: 3** 

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Attorney Docket Number	83706007	

# 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)

FOR DC FAST CHARGE	CLE PREEMPTIVE COOLING				
This declaration is directed to:					
X The attached application, or United States application or PCT international application num 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 specificluding the claims.	Scation in the above-identified application,				
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 continuation-in-part applications, material information which became availa application and the national or PCT international filing date of the continuation-i	ible between the filing date of the prior				
Pursuant to my employment agreement heretofore made or by contractual oblications of the State of Delaware, having its principal place of business at Dearborn, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal interest, domestic and foreign, in and to the inventions and discoveries in the about the ASSIGNEE, its successors, assigns or other legal representatives to make for the inventions and discoveries in any and all countries, entities and intergovename or names, or in my name, at its or their election (and I hereby authorize the insert the serial/application number and filing date of the application to 15/266,275 , Filing Date September 15, 2016 ), or ASSIGNEE, its successors, assigns or other legal representatives, all right applications, in and to the inventions and discoveries in any and all countries, eincluding all applications claiming benefit of the filing date hereof, conting reexaminations and reissue applications.	organized and existing by virtue of the laws County of Wayne, and State of Michigan, al representatives, the entire right, title and sove-identified invention including the right e applications and to receive Letters Patent rerumental organizations, in its or their own he ASSIGNEE or ASSIGNEE's attorney to receive Letters Patent herein: Serial No. and I hereby sell, assign and set over to the its of priority, including any provisional entities and intergovernmental organizations.				
And I hereby agree for myself, my heirs, successors, assigns or other legal repincluding applications for Letters Patent of any and all kinds and in any and a organizations, and to perform any and all acts which the ASSIGNEE, its succe may deem necessary to secure thereto the rights herein sold, assigned and set over	ill countries, entities and intergovernmental ssors, assigns or other legal representatives				
And I hereby represent and warrant that I have not granted any rights inconsisten	nt with the rights granted herein.				
I hereby acknowledge that any willful false statement made in this declaration or imprisonment of not more than five (5) years or both.	is punishable under 18 U.S.C. 1001 by fine				
LEGAL NAME OF INVENTOR	Date: 59-13-2515				
Inventor: <u>Frik J. Christen</u> Signature: <u>2////////////////////////////////////</u>	Date: <u>27-12-70/6</u>				
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the ent	tire inventive entity, must accompany this form.				

Please direct all correspondence to: 28395

Attorney Docket Number \$3706007		**********					 
	A	torney	Docket	Number	8370	6007	

## 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)

inie of invention	FOR DC FAST CHARGE				
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 ten they become known.)				
	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.				
continuation-in-part appl	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 tall or PCT international filing date of the continuation-in-part application.				
FORD GLOBAL TECHY of the State of Delaware bereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and disname or names, or in my insert the serial/applicat 15/266.275  ASSIGNEE, its success applications, in and to the	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 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 ion number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————				
including applications for organizations, and 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 cure thereto the rights herein sold, assigned and set over.				
And I hereby represent an	nd 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 over than five (5) years or both.				
LEGAL NAME OF INVI	- Carlotte				
Inventor: <u>laswant</u>	Jas S. Dhillon Date: 3, 13, 14				
Signature:					
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, a form for each additional inventor.				

**RECORDED: 09/15/2016** 

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Attorney Docket Number	X 3 70600 7
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## 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	LOCATION-BASED ELECTRIC VEHICLE PREEMPTIVE COOLING FOR DC FAST CHARGE				
This declaration is directed to:					
United	tached application, or  States application or PCT international application number  filed on (I hereby authorize the insertion of the application filing date and nen 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.	re reviewed and understand the contents of the specification in the above-identified application,				
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	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for discissions, 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 Delawar 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 15/266,275  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,				
organizations, and to pe	or Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental rform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives secure thereto the rights herein sold, assigned and set over.				
And I hereby represent a	and warrant that I have not granted any rights inconsistent with the rights granted herein.				
or imprisonment of not a	nat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.				
LEGAL NAME OF INV	\$ \$ \$ \$ * *** \$ \$ \$ * * *				
Inventor: Derek H	Sartl Date: 7///~				
Signature:					
	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.				