11/13/2019 505771415

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5818232

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID CHARLES WEBER	11/11/2019
BRAD ALAN IGNACZAK	10/11/2019
ADIL NIZAM SIDDIQUI	10/09/2019
CHRISTOPHER W. BELL	10/08/2019
EMIL G. SERBAN	10/08/2019

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:	16682402

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

1000 TOWN CENTER Address Line 1:

Address Line 2: 22ND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075-1238

ATTORNEY DOCKET NUMBER:	FMC9606PUS 84190083
NAME OF SUBMITTER:	KYLE G. KONZ
SIGNATURE:	/Kyle G. Konz/
DATE SIGNED:	11/13/2019

Total Attachments: 5

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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	VEHICLE CHARGING SYSTEM								
This declaration is direct	ed to:								
X 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 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 ori	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.									
FORD GLOBAL TECHI of the State of Delaward hereinafter referred to as interest, domestic and for of the ASSIGNEE, its sufor the inventions and diname or names, or in my insert the serial/applicat 16/682,402 ASSIGNEE, its success applications, in and to the including all application reexaminations and reissi	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 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, assigns 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 fo organizations, and to per	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 as	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 tore than five (5) years or both.								
LEGAL NAME OF INV.									
Inventor: <u>David Ch</u>	arles Weber Date: 1/1/1/20/9								
Signature:	mif c Milh								
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. n form for each additional inventor.								

Winnuel Tocker Lanmoet | 94120093

REEL: 050997 FRAME: 0014

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continuation-in-part applications, material information which became available application and the national or PCT international filing date of the continuation-in	
Pursuant to my employment agreement heretofore made or by contractual obli-	gation, I do sell, assign and set over unto
FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, o	rganized and existing by virtue of the laws
of the State of Delaware, having its principal place of business at Dearborn. Chereinafter referred to as the ASSIGNEE, its successors, assigns or other legal	
interest, domestic and foreign, in and to the inventions and discoveries in the abo	
of the ASSIGNEE, its successors, assigns or other legal representatives to make	
for the inventions and discoveries in any and all countries, entities and intergove name or names, or in my name, at its or their election (and I hereby authorize th	
insert the serial/application number and filing date of the application to r	eceive Letters Patent herein. Serial No.
16/682,402 Filing Date November 13, 2019), and ASSIGNEE, its successors, assigns or other legal representatives, all right	
applications, in and to the inventions and discoveries in any and all countries, er	
including all applications claiming benefit of the filing date hereof, continu	uations, continuations-in-part, divisionals,
reexaminations and reissue applications	
And I hereby agree for myself, my heirs, successors, assigns or other legal rep	
including applications for Letters Patent of any and all kinds and in any and all organizations, and to perform any and all acts which the ASSIGNEE, its success	
may deem necessary to secure thereto the rights herein sold, assigned and set over	
	A skill
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 or imprisonment of not more than five (5) years or both	s punishable under 18 U.S.C. 1001 by fine
	10/11/200
Inventor Brad Alan Ignaczak	Date 1914/2019
Signature 1922	
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the ent	TO INVESTIGATE AND ADDRESS OF THE PARTY.
and the same the same of the s	PAIENT

lise on additional declaration form for each additional inventor

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FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its st for the inventions and di name or names, or in my insert the serial/applica 16/682,402 ASSIGNEE, its success applications, in and to the including all application reexaminations and reiss	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 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 mame, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to the number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————								
including applications for organizations, and to per	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 ecure 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.								
or imprisonment of not n	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									
Inventor: Adil Niza									
Signature:	al Mi								
Note: An Application Data Use an additional declaration	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.								

Attorney Docket Number	84190083

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)

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including applications fo organizations, and to per	nyself, my heirs, successors, assigns or other legal representatives to execute any and all papers, ir 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 ecure thereto the rights herein sold, assigned and set over.								
And I hereby represent 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 OF INVI									
Inventor: Christophe Signature:	VAT BULL								
	1 / 1								
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.								

RECORDED: 11/13/2019

Attorne	v Docket Number	84190083	
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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)

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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. 16/682,402 , Filing Date November 13, 2019), 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.			
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LEGAL NAME OF INVE Inventor:Emil G. Se	(1) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
Signature: EleNa_			
Note: An Application Data	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.		

REEL: 050997 FRAME: 0017