#### 505995292 04/01/2020

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6042002

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JOSE CARLOS BARBOSA	07/11/2016
NARQUES SILVA	07/11/2016
RICARDO SUGIMOTO	07/11/2016

#### **RECEIVING PARTY DATA**

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	FAIRLANE PLAZA SOUTH, SUITE 800, 330 TOWN CENTER DRIVE
City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48126-2738

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16317118

#### CORRESPONDENCE DATA

Fax Number: (810)385-9688

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: 8103856050

Email: atesluk@questel.com THOMAS F. QUINN, JR. **Correspondent Name:** Address Line 1: 3061 COMMERCE DRIVE

Address Line 2: SUITE 1

Address Line 4: FORT GRATIOT, MICHIGAN 48059

ATTORNEY DOCKET NUMBER:	84111118
NAME OF SUBMITTER:	THOMAS F. QUINN, JR.
SIGNATURE:	/Thomas F. Quinn, Jr. Reg. No. 35988/
DATE SIGNED:	04/01/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

#### **Total Attachments: 3**

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Title of Invention

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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)

**ELECTRIC VEHICLE** 

This declaration is directed to:
The attached application, or $X$ United States application or PCT international application number $PCT/US16/41962$ filed on $07/13/2016$ (I hereby authorize the insertion of the application filing date and marker 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 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. PCT/US16/41962 , Filing Date 07/13/2016 ), 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. 1991 by fine or imprisonment of not more than five (5) years or both.
LEGAL NAME OF INVENTOR Inventor: José Carlos Barbosij Jr.  Signature:     Date: 11.09.2016
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.

Attorney Docket Number | 83675424(65080-1960T)

### 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	ELECTRIC VEHICLE
This declaration is direct	ed to:
Vinited PCT/US16/419	tached application, or  1 States application or PCT international application number  1 States application or PCT international application number  1 States application or PCT international application number  1 States application filing date and nen they become known.)
The above-identified app	dication 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 discations, 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 statement of the inventions and diname or names, or in my insert the serial/applica PCT/US16/41962  ASSIGNEE, its success applications, in and to the	ment 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, 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 mane, 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.
including applications for organizations, and to per	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, or 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 as	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	ENTOR
Inventor: Narques Sil	<u>va</u> Date: 07/41//&
Signature:	2
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Docket Number	L 83675424(65080-1960T)

# 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)

litle of Invention	electric vehicle	
This declaration is direct	pd to:	
PCT/US16/419	sached application, or States application or PCT international application number $\frac{062}{1000}$ filed on $\frac{07/13/201}{10000}$ 6(1 hereby authorize the insertion of the application filing date and they become known.)	ıđ
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	n,
I believe that I am the or	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 price part of PCT international filing date of the continuation-in-part application.	or Or
FORD GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and for of the ASSIGNEE, its suffor the inventions and diname or names, or in my insert the serial/applica PCT/US16/41962 ASSIGNEE, its success applications, in and to the including all application reexaminations and reiss.  And I hereby agree for including applications to	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over uninologies, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the law e, having its principal place of business at Dearborn, County of Wayne, and State of Michigals the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title arreign, in and to the inventions and discoveries in the above-identified invention including the right increases assigns or other legal representatives to make applications and to receive Letters Paters scoveries in any and all countries, entities and intergovernmental organizations, in its or their oward name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to the sors, assigns or other legal representatives, all rights of priority, including any provision we inventions and discoveries in any and all countries, entities and intergovernmental organization as claiming benefit of the filing date hereof, continuations, continuations-in-part, divisional use applications.  In the provision of the filing date hereof, continuations, continuations-in-part, divisional use applications.  In the provision of the filing date hereof, continuations, continuations-in-part, divisional use applications.	vs n, nd ht nt o, se al ns s,
may deem necessary to s	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.	
	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fir nore than five (5) years or both.	æ
LEGAL NAME OF INV	ENTOR	
Inventor: <u>Ricardo Su</u>		3
Signature:		
Note: An Application Dat Use an additional declaration	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form for each additional inventor.	31.

PATENT REEL: 052286 FRAME: 0540

RECORDED: 04/01/2020