506855633 09/07/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6902454

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STUART C. SALTER	07/30/2021
ALASDAIR COLLINS	08/02/2021
YUKIYASU NAGATA	07/30/2021
GABRIEL JIM	09/03/2021
MALCOLM FRY	08/02/2021
KELVIN HOWARD	08/09/2021
HANYANG CHEN	07/30/2021

RECEIVING PARTY DATA

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	330 TOWN CENTER DRIVE
Internal Address:	SUITE 800 SOUTH
City:	DEABORN
State/Country:	MICHIGAN
Postal Code:	48126

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17467609

CORRESPONDENCE DATA

Fax Number:

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: 313-528-4882

Email: docket@b2iplaw.com

Correspondent Name: BEJIN BIENEMAN PLC FORD GLOBAL TECHNOLOG

Address Line 1: 2000 TOWN CENTER

Address Line 2: SUITE 800

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER:	84392070(65080-4073)
NAME OF SUBMITTER:	BRYAN T. HART
SIGNATURE:	/Bryan T. Hart/

DATE SIGNED:	09/07/2021	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 7

source=84392070-Signed-Combined-Declaration-and-Assignment--all-7-inventors with filing info (65080-4073)#page1.tif

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source=84392070-Signed-Combined-Declaration-and-Assignment--all-7-inventors with filing info (65080-4073)#page7.tif

Attorney Docket Number 84392070(65080-4073)

Title of Invention	VEHICLE ELECTRICAL SYSTEM		
This declaration is directed	red to:		
The attached application, or United States application or PCT international application number 17/467,609 filed on Sep 7, 2021. (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 havincluding the claims.	ve reviewed and understand the contents of the spec	cification in the above-identified application,	
I believe that I am the ori	iginal inventor or an original joint inventor of a claime	ed 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. 17/467,609 , Filing Date September 7, 2021), 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 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	7/30/2021	
Inventor: Stuart C. S		Date: 773072021	
Signature: /Stuart	C. Salter/		
	a Sheet (PTO/SB/14 or equivalent), including naming the conform for each additional inventor	entire inventive entity, must accompany this form.	

Title of Invention

Attorney Docket Number	84392070(65080-4073)

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)

VEHICLE ELECTRICAL SYSTEM

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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 INVENTOR 8/2/2021		
Inventor: Alasdair Collins Date:		
Signature: /Alasdair Collins/		
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	84392070(65080-4073)

Title of Invention	VEHICLE ELECTRICAL SYSTE	М
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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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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		7/30/2021
Inventor: Yukiyasu Signature: Yukiyasu	jasu nogota	Date: 770072021
orginature	quan injur	
	a Sheet (PTO/SB/14 or equivalent), including nam n form for each additional inventor.	ning the entire inventive entity, must accompany this form.

Title of Invention

Please direct all correspondence to: 113140

Attorney Docket Number	84392070(65080-4073)
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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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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 (Inventor: <u>G</u> :	OF INVENTOR abriel Jim	Date:	Sep-03-2021
	DocuSigned by:	Date.	
Signature:	Cabril Jim 48C43A1E4FEC4DC		
		valent) including naming the entire invent	ive entity must accompany this form
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	84392070(65080-4073)

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LEGAL NAME OF INV	O(2/2)/2		
Inventor: Malcolm / Malcoln / Malcoln	·		
oignauic.			
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LEGAL NAME OF INV Inventor: Kelvin Ho		Date: 8/9/2021	
·	Howard/	Date.	
•			
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 84392070(65080-4073)

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LEGAL NAME OF INVI Inventor: <u>Hanyang C</u>		Date: $07 - 30 - 2021$
Signature:		
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PATENT

REEL: 057397 FRAME: 0558