PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6315430

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HAGOP PARNOUTSOUKIAN	09/23/2020
BENJAMIN MARC ECHTERLING	09/23/2020
ROBERT FRANCIS EASTMAN III	09/21/2020
BRADLEY ARNOLD LAMMERS	09/23/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17030580

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: ptodocket@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:	84301230; 67186-1045PUS1
NAME OF SUBMITTER:	BENJAMIN J. COON
SIGNATURE:	/Benjamin J. Coon/
DATE SIGNED:	09/24/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 053868 FRAME: 0971

506268683

Total Attachments: 4

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PATENT REEL: 053868 FRAME: 0972

Attorney Docket Number	84301230	; 67186-1045PUS1

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	GROUNDING BLOCK AN ELECTRIFIED VEHICLE TRACT			FOR
This declaration is direct	ed to:			
United	tached application, or I States application or PCT international application in the filed on the filed on the filed on they author they become known.)	cation number horize the insertio	on of the application filing da	ate and
The above-identified app	plication was made or authorized to be made b	y me.		
I hereby state that I have including the claims.	ve reviewed and understand the contents of	the specification	in the above-identified appl	ication,
I believe that I am the ori	iginal inventor or an original joint inventor of	a claimed invention	on in the application.	
continuation-in-part app	o disclose information which is material to polications, material information which becaused or PCT international filing date of the corticle.	ime available bet	tween the filing date of the	
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. 17/030,580				
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 n	at any willful false statement made in this d nore than five (5) years or both.	eclaration is punis	hable under 18 U.S.C. 1001	by fine
LEGAL NAME OF INV Inventor: Hagop Page	ENTOR moxtsoukian	Date:	September 23, 2020)
Signature:	TAUSCISOURIAN	Date.		
	a Sheet (PTO/SB/14 or equivalent), including name form for each additional inventor.	ning the entire inver	ntive entity, must accompany th	is form.

PATENT REEL: 053868 FRAME: 0973

Attorney Docket Number	84301230; 67186-1045PUS1

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	GROUNDING BLOCK	AND	GROUNDING	METHOD	FOR
	ELECTRIFIED VEHICLE	TRACTION	I BATTERY		
This declaration is directed	ed to:				
United	ached application, or States application or PCT internati filed on (I h			anolication filing de	ate and
number into this form wh		order wasterness		mb.b.v	
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 co	intents of the s	specification in the ab	ove-identified appli	ication,
I believe that I am the ori	ginal inventor or an original joint is	aventor of a cla	imed invention in the	application.	
continuation-in-part app	o disclose information which is mat lications, material information which is detected in the desired of the desired in the des	hich became a	ivailable between the	filing date of the	~ .
FORD GLOBAL TECHI of the State of Delawars hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and dis name or names, or in my insert the serial/applicat 17/030,580 ASSIGNEE, its success applications, in and to th including all application reexaminations and reisse And I hereby agree for a	nyself, my heirs, successors, assig	company subsides siness at Deark assigns or other assigns or other the assigns and into the application 14, 2020 and all country date hereof, company or other legistress at the application of the applica	iary, organized and ex- sorn, County of Ways is legal representatives the above-identified in make applications an ergovernmental organi- rize the ASSIGNEE of to receive Letters _), and I hereby sell, _ rights of priority, it ies, entities and interg- continuations, continu- al representatives to e	isting by virtue of the, and State of Mic, the entire right, tivention including the dependence of the control	the laws chigan, the and the right is Patent eir own the to the visional zations sionals,
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 n	at any willful false statement made ore than five (5) years or both.	in this declara	tion is punishable und	der 18 U.S.C. 1001	by fine
LEGAL NAME OF INV			9/23/2	2020	
-	Marc Echterling	·····	Date:		
Signature: /Benjam	in Marc Echterling/				
	Sheet (PTO/SB/14 or equivalent), inc n form for each additional inventor.	oluding naming f	he entire inventive entity	y, must accompany th	is form.

PATENT

REEL: 053868 FRAME: 0974

Attorney Docket Number	84301230	; 67186-1045PUS1

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	GROUNDING BLOC ELECTRIFIED VEHICL		GROUNDING I BATTERY	METHOD	FOR
This declaration is directed	ed to:				
☐ United	ached application, or States application or PCT internation filed on (I			application filing da	te and
The above-identified app	lication was made or authorized t	to be made by me.			
I hereby state that I have including the claims.	e reviewed and understand the	contents of the s	pecification in the a	bove-identified applic	cation,
I believe that I am the ori	ginal inventor or an original join	t inventor of a cla	imed invention in the	application.	
continuation-in-part app	disclose information which is national discretions, material information all or PCT international filing dates.	which became a	ivailable between th	e filing date of the	
FORD GLOBAL TECHI of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and di- name or names, or in my insert the serial/applicat 17/030,580 ASSIGNEE, its success applications, in and to th including all application reexaminations and reissa. And I hereby agree for a	nyself, my heirs, successors, ass	Company subsidi- business at Dearb , assigns or other d discoveries in trepresentatives to s, entities and intend I hereby author f the application r 24, 2020 presentatives, all my and all countring date hereof, co- igns or other legal	iary, organized and exporn, County of Way legal representative he above-identified in make applications are governmental organize the ASSIGNEE of to receive Letters), and I hereby sell, rights of priority, ies, entities and interpontinuations, continuations, continuations al representatives to	existing by virtue of the rie, and State of Mic s, the entire right, tit invention including the right of the receive Letters rizations, in its or their ASSIGNEE's attornation Patent herein: Seria, assign and set over including any proving overnmental organizations-in-part, division execute any and all p	e laws chigan, le and e right Patent ir own mey to al No. to the isional zations ionals,
organizations, and to per	r Letters Patent of any and all k form any and all acts which the ecure thereto the rights herein sol	ASSIGNEE, its s	successors, assigns or		
And I hereby represent a	nd warrant that I have not granted	l any rights incons	sistent with the rights	granted herein.	
	at any willful false statement manore than five (5) years or both.	de in this declara	tion is punishable un	der 18 U.S.C. 1001 b	y fine
LEGAL NAME OF INV		*******************************	0/04	(2020	
Inventor: Robert Fra	ncis Eastman III		Date: 9/21/	/2020	
Signature: /Robert	Francis Eastman III/				
	Sheet (PTO/SB/14 or equivalent),	including naming t	he entire inventive enti	ty, must accompany this	s form.

PATENT REEL: 053868 FRAME: 0975

Attornev Docket Number	84301230; 67186-1045PUS1	

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		OCK AND	GROUNDING	METHOD FOR
ELECTRIFIED VEHICLE TRACTION BATTERY				
This declaration 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 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. 17/030,580, Filing DateSeptember 24, 2020), 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. 1001 by fine or imprisonment of not more than five (5) years or both.				
LEGAL NAME OF INV			. 09/23	/2020
	Arnold Lammers		Date:	
Signature: /Bradley	/ Arnold Lammers/			
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.				

PATENT

REEL: 053868 FRAME: 0976 RECORDED: 09/24/2020