### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6785947

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARIELLE CONRAD	04/27/2021
BENJAMIN JORDAN CURTIS	04/26/2021
YEJIN HAN	04/26/2021
MICHAEL JOHN HARMON	04/27/2021
DAVID EARL OOMS	04/27/2021
HUSSAIN Z. TAJMAHAL	04/27/2021

#### **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:	17243394

#### **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: 3125801020 Email: ahunt@hfzlaw.com

Correspondent Name: HANLEY FLIGHT & ZIMMERMAN LLC

Address Line 1: 150 S WACKER DR.

Address Line 2: SUITE 2200

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER: 20305/84341690

NAME OF SUBMITTER: MARK G. HANLEY

SIGNATURE: /Mark G. Hanley/

DATE SIGNED: 06/28/2021

506739129 REEL: 056691 FRAME: 0470

### **Total Attachments: 6**

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Attorney Docket Number   84341690
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Title of Inventi	CONFIGURABLE VEHICLE FRAMES AND ASSOCIATEI		
		METHODS	
This declaration i	s directe		
	The attached application, or United States application or PCT international application numberfiled on		
The above-identif	ied appl	ication was made or authorized to be made by me.	
I hereby state that claims.	I have r	eviewed and understand the contents of the specification in the above-identified application, including the	
I believe that I am	n the orig	ginal inventor or an original joint inventor of a claimed invention in the application.	
continuation-in-pa	art appli	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for cations, material information which became available between the filing date of the prior application and ational filing date of the continuation-in-part application.	
GLOBAL TECH Delaware, having ASSIGNEE, its s the inventions and legal representative entities and intergauthorize the ASS Letters Patent he assign and set ov provisional application including all applicant reissue applications.	NOLOG its princ uccessor discovery ves to m governme SIGNEE rein: Ser ver to the eations, in ications eations.	ent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD IES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of ripal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the s, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to be ries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other aske applications and to receive Letters Patent for the inventions and discoveries in any and all countries, antal organizations, in its or their own name or names, or in my name, at its or their election (and I hereby or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive rial No. 17/243,394	
applications for L perform any and	etters Pa all acts v	tent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure old, assigned and set over.	
And I hereby repr	esent an	d warrant that I have not granted any rights inconsistent with the rights granted herein.	
imprisonment of	not more	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or than five (5) years or both.	
LEGAL NAME (Inventor:		ENTOR rielle Conrad Date: 27 April 2021	
		- Conrad	
Note: An Applicat	ion 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.

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Attorney Docket Number	84341690

inc or my	CHILOH	METHODS
This declarat	ion is directe	······································
	United	ached application, or States application or PCT international application numberfiled on
The above-id	lentified appl	fication was made or authorized to be made by me.
I hereby state claims.	that I have	reviewed and understand the contents of the specification in the above-identified application, including the
I believe that	I am the ori	ginal inventor or an original joint inventor of a claimed invention in the application.
continuation-	in-part appli	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for ications, material information which became available between the filing date of the prior application and national filing date of the continuation-in-part application.
GLOBAL TI Delaware, ha ASSIGNEE, the invention legal represe entities and i authorize the Letters Pater assign and se provisional a	ECHNOLOC aving its primits successor its successor is and discoventatives to matergovernum ASSIGNEE at herein: See to over to the pplications, in	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD SIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of cipal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the rs, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to eries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other take applications and to receive Letters Patent for the inventions and discoveries in any and all countries, ental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive rial No. 17/243,394 , Filing Date April 28, 2021 ), and I hereby sell, e ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any n and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations
applications perform any	for Letters Pa and all acts v	yself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including atent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure old, assigned and set over.
And I hereby	represent an	d 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 or than five (5) years or both.
LEGAL NAM		and the same of th
Inventor:	Ber	njamin Jordan Curtis Date: 2021 04 26
~~~~	*************	ni Jada Cida
		Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an or each additional inventor.

Attorney Docket Number	84341690

Title of Inventi	on	CONFIGURABLE VEHICLE FRAMES AND ASSOCIATED	
		METHODS	
This declaration i	s directe	d to:	
	The attached application, or United States application or PCT international application numberfiled on		
The above-identi	fied appl	ication was made or authorized to be made by me.	
I hereby state that claims.	l have	reviewed and understand the contents of the specification in the above-identified application, including the	
I believe that I an	n the orig	ginal inventor or an original joint inventor of a claimed invention in the application.	
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GLOBAL TECH Delaware, having ASSIGNEE, its s the inventions and legal representati entities and interg authorize the ASS Letters Patent he assign and set ov provisional applic	NOLOG its print necessor i discove ves to m governm RIGNEE rein: Ser rer to the ations, i ications	tent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD iES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of cipal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the saying or other legal representatives, the entire right, title and interest, domestic and foreign, in and to cries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other take applications and to receive Letters Patent for the inventions and discoveries in any and all countries, ental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive rial No. 17/243.394  Filing Date April 28, 2021  April 28, 2021  And I hereby sell, and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations	
applications for L perform any and	etters Pa all acts v	yself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including tent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure old, assigned and set over.	
And I hereby repr	esent an	d 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 or than five (5) years or both.	
LEGAL NAME O	F INVE	INTOR	
Inventor:	1 2	in Han Date: Ut / Lt / Lb C	
Signature:	LL		
		Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entiry, must accompany this form. Use an or each additional inventor.	

Attorney Docket Number	84341690
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CONFIGURABLE VEHICLE FRAMES AND ASSOCIATED			
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This declaration is	directe	ed to:	
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The above-identification	ed appli	lication was made or authorized to be made by me.	
I hereby state that claims.	I have r	reviewed and understand the contents of the specification in the above-identified application, including the	
I believe that I am	the orig	ginal inventor or an original joint inventor of a claimed invention in the application.	
continuation-in-pa	rt applic	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for ications, material information which became available between the filing date of the prior application and national filing date of the continuation-in-part application.	
GLOBAL TECHN Delaware, having it ASSIGNEE, its su the inventions and legal representative entities and intergonauthorize the ASSI Letters Patent here assign and set over provisional applica	its principle of the pr	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of cipal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the rs, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to eries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other take applications and to receive Letters Patent for the inventions and discoveries in any and all countries, are all organizations, in its or their own name or names, or in my name, at its or their election (and I hereby or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive trial No. 17/243,394 , Filing Date April 28, 2021 ), and I hereby sell, e ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations	
applications for Le perform any and a	etters Pa ll acts v	nyself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including atent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure old, assigned and set over.	
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imprisonment of n	ot more	nat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or than five (5) years or both.	
LEGAL NAME O Inventor:		ENTOR chael John Harmon  Date: 04 / 27 / 21	
Signature: /M	ichael J	John Harmon /	
Note: An Application	on 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.

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Title of inventi	Chin the factor and the control of t
	METHODS
This declaration i	directed to
	The attached application, or United States application or PCT international application number    Cled oo
The above-identif	ed application was made or authorized to be made by me.
I hereby state that claims.	I have reviewed and independent the contents of the specification is the above-identified application, including the
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GLOBAL TECH Delaware, having ASSIGNEE, its a the inventions and legal representative entities and intergrational interaction authorize the ASS Letters Patent be assign and set of provisional applie	its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the accessors, assigns or other legal representatives, the entire right, title and interest, domestic and fareign, in and to discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other es to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, exermmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby GNEE or ASSIGNEE's attorney to insert the scrial/application number and filing date of the application to receive can. Secial No. 17/243,394
applications for L. perform any and a	e for myself, my beirs, successors, assigns or other legal representatives to execute any and all papers, including sters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to It acts which the ASSRSNEE, its successors, assigns or other tegal representatives may deem necessary to secure terein sold, assigned and set over.
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imprisonment of a	edge that any wrilful false statement made in this declaration is punishable under 18 U.S.C. 1901 by fine or of more than five (5) years or both.
LEGAL NAME (  Toverior:	FINVENTOR David Earl Ooms Date: 27 APR 21
Signature:	David Earl Ong
	on Data Sheet (PTO SE/13 or cognivation), including usining the entire inventive durity, must accompany this form. Use an a form for each additional inventor.

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Title of Invention	CONFIGURABLE VEHICLE FRAMES AND ASSOCIATED  METHODS
This declaration is direct	ed to:
200	tached application, or I States application or PCT international application number filed on
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I am aware of the duty continuation-in-part app the national or PCT inter	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for licentons, material information which became available between the filing date of the prior application and mational filing date of the continuation-in-part application.
OF OBAL TECHNOLO Delaware, having its print ASSIGNEE, its success the inventions and disconlegal representatives to remities and intergovernations the ASSIGNEE Letters Patent herein. Sussign and set over to diprovisional application including all applications and ressue applications.	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over once FORD GIES LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of nepal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the program of the legal representatives, the entire right, title and interest, domestic and foreign, in and to peries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, mental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby for ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive erial No. 17/243,394  Filing Date April 28, 2021  and I hereby sell, the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations or claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, recxaminations
applications for Letters I meriodicans and all acts	myself, my beirs, successors, assigns or other legal representatives to execute any and all papers, including Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure 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.
I hereby acknowledge the imprisonment of not more LEGAL NAME OF INV Inventor His	hat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or e than five (5) years or both.  ENTOR  Security 1 1 2 1 2 0 2 1  Date: $4 1 2 7 2 0 2 1$
Signature	<u>Husere</u>
Note: An Application Data additional declaration form	Size(PTO/SB/14 or equivalent), including naming the entire inventive entiry must accompany this form. Use at for each additional inventor.

**RECORDED: 06/28/2021**