506147901 07/10/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6194633

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OMAR MAKKE	01/09/2020
OLEG GUSIKHIN	01/07/2020
ANDREW GLIESMAN	01/13/2020
BARDIA MADANI	01/09/2020
SINA FAKHRAEE	01/09/2020
DAVID KRAMER	01/24/2020
MELINDA KAYE HUNSAKER	01/27/2020

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:	16919455

CORRESPONDENCE DATA

Fax Number: (404)853-8806

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: (404) 407-5191

Email: KristalBoddie@eversheds-sutherland.com

Correspondent Name: KRISTAL BODDIE

Address Line 1: 999 PEACHTREE STREET, N.E.

Address Line 2: SUITE 2300

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	84210055 (35136-1036)
NAME OF SUBMITTER:	KRISTAL BODDIE
SIGNATURE:	/Kristal Boddie/

506147901 REEL: 053174 FRAME: 0605

PATENT

DATE SIGNED:	07/10/2020
Total Attachments: 7	
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Attorney Docket Number	84210055

Title of Invention SYSTEMS AND METHODS FOR CREATING MODELS	INFRASTRUCTURE
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 number into this form when they become known.)	the application filing date and
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 th including the claims.	e above-identified application,
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 continuation-in-part applications, material information which became available between application and the national or PCT international filing date of the continuation-in-part applic	the filing date of the prior
Pursuant to my employment agreement heretofore made or by contractual obligation, I do FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and of the State of Delaware, having its principal place of business at Dearborn, County of W hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representation interest, domestic and foreign, in and to the inventions and discoveries in the above-identifier of the ASSIGNEE, its successors, assigns or other legal representatives to make application for the inventions and discoveries in any and all countries, entities and intergovernmental or name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNE insert the serial/application number and filing date of the application to receive Lette 16/919,455	d existing by virtue of the laws Vayne, and State of Michigan, ives, the entire right, title and d invention including the right s and to receive Letters Patent ganizations, in its or their own EE or ASSIGNEE's attorney to ers Patent herein: Serial No. iell, assign and set over to the ty, including any provisional attergovernmental organizations
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives including applications for Letters Patent of any and all kinds and in any and all countries, organizations, and to perform any and all acts which the ASSIGNEE, its successors, assign may deem necessary to secure thereto the rights herein sold, assigned and set over.	entities and intergovernmental
 And I hereby represent and warrant that I have not granted any rights inconsistent with the rig	hts granted herein.
I hereby acknowledge that any willful false statement made in this declaration is punishable or imprisonment of not more than five (5) years or both.	under 18 U.S.C. 1001 by fine
LEGAL NAME OF INVENTOR Inventor: Omar Makke Date:	01/09/2020
 Signature: Own molle	11/1/2000
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive of Use an additional declaration form for each additional inventor.	entity, must accompany this form.

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Attorney Docket Number	84210055

Title of Invention SYSTEMS AND METHODS FOR CREATING INFRAS	STRUCTURE
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I believe that I am the original inventor or an original joint inventor of a claimed invention in the application	in.
I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. I continuation-in-part applications, material information which became available between the filing capplication and the national or PCT international filing date of the continuation-in-part application.	.56, including for late of the prior
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign a FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and Schereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entimiterest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention in of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNIES insert the serial/application number and filing date of the application to receive Letters Patent here 16/919,455	virtue of the laws tate of Michigan, re right, title and neluding the right ive Letters Patent its or their own NEE's attorney to erein: Serial No. and set over to the any provisional ntal organizations
And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute an including applications for Letters Patent of any and all kinds and in any and all countries, entities and in organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal may deem necessary to secure thereto the rights herein sold, assigned and set over.	ntergovernmental
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted hereby represent and warrant that I have not granted any rights inconsistent with the rights granted hereby represent and warrant that I have not granted any rights inconsistent with the rights granted hereby represent and warrant that I have not granted any rights inconsistent with the rights granted hereby represent and warrant that I have not granted any rights inconsistent with the rights granted hereby represent and warrant that I have not granted any rights inconsistent with the rights granted hereby represent and warrant that I have not granted any rights inconsistent with the rights granted hereby representation of the rights granted hereby repres	erein.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S or imprisonment of not more than five (5) years or both.	S.C. 1001 by fine
LEGAL NAME OF INVENTOR Inventor: Oleg Gusikhin Date: 0//07/	120
Inventor: Oleg Gusikhin Date: 0//07/ Signature: Oly C. C.	Steen Cook
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must acc Use an additional declaration form for each additional inventor.	ompany this form.

Attorney Docket Number	84210055

Title of Invention	MODELS METHODS FOR CREATING INFRASTRUCTURE
This declaration is direct	ed to:
United	tached application, or I States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and nen they become known.)
The above-identified app	elication was made or authorized to be made by me.
	ve 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 olications, 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 Delawar hereinafter referred to a interest, domestic and for the ASSIGNEE, its start for the inventions and dname or names, or in minsert the serial/applications and the serial succession applications, in and to the including all applications and reiss	
including applications f organizations, and to pe	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental erform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives 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	hat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.
LEGAL NAME OF IN	VENTOR 1/13/10-10
Inventor: Andrew	Gliesmyn) Date:Date:
Signature:	
Note: An Application Da Use an additional declaration	tta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. ion form for each additional inventor.

r	
Attorney Docket Number	84210055

Title of Invention	SYSTEMS AND METHODS FOR CREATING INFRASTRUCTURE MODELS			
This declaration is directed	ed to:			
United	tached application, or States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and then they become known.)			
The above-identified appl	lication 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 original	ginal inventor or an original joint inventor of a claimed invention in the application.			
continuation-in-part appl	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including fo lications, material information which became available between the filing date of the prional 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. 16/919,455, Filing Date				
including applications for organizations, and to perf	nyself, 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 intergovernmentation 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 an	nd warrant that I have not granted any rights inconsistent with the rights granted herein.			
or imprisonment of not m	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine than five (5) years or both.			
LEGAL NAME OF INVI	1 - 1			
Signature: Bard	lia Madan			
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form norm for each additional inventor.			

Attorney Docket Number	84210055
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litte of invention	MODELS					
This declaration is directe	ni 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 app	lication was made or authorized to be made by me.					
I hereby state that I hav including the claims.	e reviewed and understand the contents of the specification in the above-identified application.					
I believe that I am the ori	ginal 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. 16/919,455						
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	8 8 7 7 7 7 1					
Inventor: Sina Fakh	race Date: 1///					
Signature: 5/00	2-1/2 V					
• • •	s Sheet (PTCVSB/14 or exprivation), including naming the entire inventive entity, must accompany this form, a town for each additional insurance					

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Attorney Docket Number	84210055

Title of Invention	SYSTEMS AND MODELS	METHODS	FOR	CREATING	INFRASTRUCTURE
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4			,		
The above-identified app	olication was made or aut	norized to be made	e oy me.		
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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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or imprisonment of not r	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 Inventor: <u>David Kr</u>		THE STATE OF THE S		Date:	24-JIN -2020
Signature:	EUGHT-	energy of the second se			
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	84210055

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***********	number into this form wh	nen they become	known.)				
-	The above-identified app	dication was mad	le or auth	orized to be made	e by me.		
	I hereby state that I havincluding the claims.	e reviewed and	understa	and the contents of	of the sp	ecification in the	above-identified application,
THE REAL PROPERTY.	I believe that I am the or	iginal inventor or	an origi	nal joint inventor	of a clair	med invention in th	ne application.
***********************		lications, materi	ial infori	mation which be	came av	ailable between	37 C.F.R. 1.56, including for the filing date of the prior ion.
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. 16/919,455							
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	or imprisonment of not r	nore than five (5)			declarati	ion is punishable u	under 18 U.S.C. 1001 by fine
	LEGAL NAME OF INV Inventor: Melinda	/ENTOR Kaye Hunsaker				Date: e Ja	an 27, 2020
	Signature: Meh	de VAn	Sin				
	/ * 1	of a compaign	1.4		£8.449.449.449.44		Ala. P
	Note: An Application Dat Use an additional declaration				naming the	e entire inventive er	ntity, must accompany this form.

RECORDED: 07/10/2020