504430083 06/26/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4476783

SUBMISSION TYPE:		١	IEW ASSIGNMENT			
NATURE OF CONVEYAN	ICE:	A	SSIGNMENT			
CONVEYING PARTY DA	АТА	•				
		N	ame		Execution Date	7
SHAMSUDDIN A. SYED					06/20/2017	
IHAB GRACE					06/21/2017	
AFIF SABBAGH					06/20/2017	
AHTERAM KHAN					06/20/2017	
RECEIVING PARTY DAT	ТА					
Name:	Ford G	Global Te	echnologies, LLC			7
Street Address:	800 Fa	airlane P	laza South			1
Internal Address:	330 Tc	own Cen	ter Drive			1
City:	Dearbo	orn				1
State/Country:	MICHIGAN			1		
Postal Code:	48126	;				
PROPERTY NUMBERS	Total: 1	1				
PROPERTY NUMBERS Property Type	Total: 1	1	Number			
	Total: 1	1 156301				
Property Type Application Number:						
Property Type Application Number: CORRESPONDENCE DA		156301	26			
Property Type Application Number: CORRESPONDENCE DA Fax Number:	ΑΤΑ	(248)98	26 38-8363	is uns	it will be sent	
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be	ATA	156301 (248)98 to the e-	26		 	
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be	ATA	156301 (248)98 to the e-	26 38-8363 mail address first; if that t is unsuccessful, it will b		 	
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p	ATA	(248)98 (248)98 to the e- to; if tha 248-98	26 38-8363 mail address first; if that t is unsuccessful, it will b		 	
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name:	ATA	(248)98 (248)98 (248)98 (248-98) (248-98) (248-98) (248-98) (248-98) (248-98) (248-98) (248-98) (248) (248)98	26 38-8363 mail address first; if that t is unsuccessful, it will 8-8360 @cgolaw.com W. BARRETT	be sen	 	
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA	(248)98 (248)98 (248)98 (248-98) (248-98) (248-98) (248-98) (248-98) (248-98) (248-98) (248-98) (248)98 (248)9	26 38-8363 <i>mail address first; if that</i> <i>t is unsuccessful, it will i</i> 8-8360 @cgolaw.com W. BARRETT MAPLE ROAD, SUITE 35	be sen	 	
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA	(248)98 (248)98 (248)98 (248-98 (248-98 (248-98 (248-98) (248-98) (248-98) (248-98) (248-98) (248-98) (248)98 (248)8 (248)98 (248)	26 38-8363 <i>mail address first; if that</i> <i>t is unsuccessful, it will i</i> 8-8360 @cgolaw.com W. BARRETT MAPLE ROAD, SUITE 35 SON, GASKEY & OLDS	be sen	 	
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA	(248)98 (248)98 (248)98 (248-98 (248-98 (248-98 (248-98) (248-98) (248-98) (248-98) (248-98) (248-98) (248)98 (248)8 (248)98 (248)	26 38-8363 <i>mail address first; if that</i> <i>t is unsuccessful, it will i</i> 8-8360 @cgolaw.com W. BARRETT MAPLE ROAD, SUITE 35	be sen	 	
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA e sent to provideo	(248)98 to the e- ed; if tha 248-98 docket(TODD 400 W. CARLS BIRMIN	26 38-8363 <i>mail address first; if that</i> <i>t is unsuccessful, it will i</i> 8-8360 @cgolaw.com W. BARRETT MAPLE ROAD, SUITE 35 SON, GASKEY & OLDS	be sen	 	
Property Type Application Number: CORRESPONDENCE D/ Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA e sent to provideo	(248)98 (248)98 (248)98 (248-98) (248-98) (248-98) (248-98) (248-98) (248-98) (248-98) (248-98) (248-98) (248)98 (248)	26 38-8363 <i>mail address first; if that</i> <i>t is unsuccessful, it will i</i> 8-8360 @cgolaw.com W. BARRETT MAPLE ROAD, SUITE 35 GON, GASKEY & OLDS NGHAM, MICHIGAN 48009	be sen	 	
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA e sent to provideo	(248)98 (248)98 (248)98 (248-98 (248-98 (248-98) (248-98) (248-98) (248-98) (248-98) (248-98) (248-98) (248)98	26 38-8363 <i>mail address first; if that</i> <i>t is unsuccessful, it will</i> 8-8360 @cgolaw.com W. BARRETT MAPLE ROAD, SUITE 35 SON, GASKEY & OLDS NGHAM, MICHIGAN 48009 33810949; 67186-374PUS	be sen	 	
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER:	ATA e sent to provideo	(248)98 to the e- d; if tha 248-98 docket(TODD 400 W. CARLS BIRMIN : 8 1 7	26 38-8363 <i>mail address first; if that</i> <i>t is unsuccessful, it will i</i> 8-8360 @cgolaw.com W. BARRETT MAPLE ROAD, SUITE 35 SON, GASKEY & OLDS SON, BARRETT	be sen	 	

Total Attachments: 4

source=Assignments_signed#page1.tif source=Assignments_signed#page2.tif source=Assignments_signed#page3.tif source=Assignments_signed#page4.tif

Attorney Docket Number | \$3810949; 67186-374PUS1

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 Inve	ntion BATTERY PACK MOUNTING ASSEMBLY
This declaratio	n is directed to:
umber into th	The attached application, or United States application or PCT international application number filed on filed on (I hereby authorize the insertion of the application filing date and is form when they become known.)
The above-ider	tified application was made or authorized to be made by me.
hereby state neluding the c	that I have reviewed and understand the contents of the specification in the above-identified application laims.
believe that I	ant the original inventor or an original joint inventor of a claimed invention in the application.
continuation-in	the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for -part applications, material information which became available between the filing date of the prior the national or PCT international filing date of the continuation-in-part application.
ORD GLOBA of the State of hereinafter refe nterest, domes of the ASSIGN or the invention hame or names nsert the seri 15/630.126 ASSIGNEE, it upplications, in neluding all a eexaminations	/ employment agreement heretofore made or by contractual obligation, I do sell, assign and set over until AL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the law. Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan burned to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and tic and foreign, in and to the inventions and discoveries in the above-identified invention including the righ IEE, its successors, assigns or other legal representatives and to receive Letters Paten ons and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to al/application number and filing date of the application to receive Letters Patent herein: Serial No, Filing Date, and I hereby sell, assign and set over to the successors, assigns or other legal representatives, all rights of priority, including any provisional and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations and set over to the successors, assigns or other legal representatives, all rights of priority, including any provisional and to the inventions and discoveries in any and all countries, entities and intergovernmental organization applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals and reissue applications.
ncluding appli rganizations, a	gree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers cations for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmenta and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives assary to secure thereto the rights herein sold, assigned and set over.
and I hereby re	present and warrant that I have not granted any rights inconsistent with the rights granted herein.
	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine it of not more than five (5) years or both.
EGAL NAMI	OF INVENTOR Shamsuddin A Sveid Date: June 20, 2017

PATENT REEL: 042809 FRAME: 0983

Attorney Docket Number 83810949; 67186-374PUS1

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	BATTERY PACK MOUNTING ASSEMBLY
This declaration is direc	1 ted to:
Unite Unite	ttached spplication, or d States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and
number into this torin w	hen they become known.)
The above-identified ap	plication was made or authorized to be made by me.
I hereby state that I ha including the claims.	ve reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the o	riginal 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 onal 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 fe of the ASSIGNEE, its s for the inventions and d name or names, or in m insert the serial/applica <u>15/630,126</u> ASSIGNEE, its success applications, in and to th including all application reexaminations and reiss	ment agreement beretofore made or by contractual obligation, I do sell, assign and set over unto INOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws re, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and breign, in and to the inventions and discoveries in the above-identified invention including the right uccessors, assigns or other legal representatives to make applications and to receive Letters Patent iscoveries in any and all countries, entities and intergovernmental organizations, in its or their own y name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to attorn number and filing date of the application to receive Letters Patent herein: Serial No
including applications for organizations, and to pe	roysen, my news, 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 rform 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 a	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknowledge if or imprisonment of not r	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 Inventor: <u>Iliab Gra</u>	
Signature:	and the second sec
Note: An Application Dat	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form on form for each additional inventor.

PATENT REEL: 042809 FRAME: 0984

Attorney Docket Number 83810949; 67186-374PUS1

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	BATTERY PACK MOUNTING ASSEMBLY
This declaration is dire	i xted to:
Unite	attached application, or ad States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and when they become known.)
	plication was made or authorized to be made by me.
	ive reviewed and understand the contents of the specification in the above-identified application
I believe that I am the c	riginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part ap	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for plications, material information which became available between the filing date of the prior on all or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECI of the State of Delawa hereinafter referred to interest, domestic and f of the ASSIGNEE, its for the inventions and c name or names, or in rr insert the serial/applic 15/630,126 ASSIGNEE, its succe applications, in and to t	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto INOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws re, having its principal place of business at Dearborn, County of Wayne, and State of Michigan as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and oreign, in and to the inventions and discoveries in the above-identified invention including the right auccessors, assigns or other legal representatives to make applications and to receive Letters Patent liscoveries in any and all countries, entities and intergovernmental organizations, in its or their own by name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ation number and filling date of the application to receive Letters Patent herein: Serial No
including applications for a property of the p	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.
	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	
inventor: <u>Afif Sa</u> i	<u>whagh</u> Date: <u>50%E 2077</u>
Signature:	kg
	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this forr on form for each additional inventor.

PATENT REEL: 042809 FRAME: 0985

Attorney Docket Number 83810949; 67186-374PUS1

REEL: 042809 FRAME: 0986

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	BATTERY PACK MOUNTING ASSEMBLY
This declaration is dire	exted to:
🗍 Unit	attached application, or ed States application or PCT international application number filed on filed on (I hereby authorize the insertion of the application filing date and
number into this form	when they become known.)
The above-identified a	pplication was made or authorized to be made by me.
I hereby state that I h including the claims.	ave reviewed and understand the contents of the specification in the above-identified application.
I believe that I am the o	original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part ap	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for pplications, material information which became available between the filing date of the prior ional or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TEC of the State of Delaws hereinafter referred to interest, domestic and is of the ASSIGNEE, its for the inventions and in name or names, or in n insert the scrial/applic <u>15/630,126</u> ASSIGNEE, its succe applications, in and to	yment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto HNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws are, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and foreign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent discoveries in any and all countries, entities and intergovernmental organizations, in its or their own ny name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to cation number and filing date of the application to receive Letters Patent herein: Serial No
including applications organizations, and to p	r 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	that 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 Inventor: <u>Ahteran</u>	
Signature:	Heren -
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
	ion form for each additional inventor.
	PATENT

RECORDED: 06/26/2017