### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4996052

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
VIJAY PACHORE	06/04/2018
SEAN TIMOTHY RYAN	06/04/2018
JAMIL ALWAN	06/04/2018
DEEPAK PATEL	06/06/2018
PEYMAN AGHSSA	06/04/2018
DANIEL GRABOWSKI	06/06/2018

### **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:	16002381

### **CORRESPONDENCE DATA**

**Fax Number:** (248)988-8363

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: CARLSON, GASKEY & OLDS, P.C./FORD

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Address Line 4: BIRMINGHAM, MICHIGAN 48009

ATTORNEY DOCKET NUMBER:	84031293; 67186-657PUS1
NAME OF SUBMITTER:	BENJAMIN J. COON
SIGNATURE:	/Benjamin J. Coon/
DATE SIGNED:	06/07/2018

504949305 REEL: 046014 FRAME: 0949

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This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6
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Attorney	Docket Number	84031293;	6718	36-657PUS1

## 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)

This declaration is directed to:  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 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
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
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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. 16/002381, Filing Date
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
Inventor: Vijay-Rachore Date: 6 2 2018 Signature:
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	84031293:	67186-657PUST

## 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	REINFORCED HEEL KICK ASSEMBLY AND HEEL KICK REINFORCEMENT METHOD
This declaration is direct	
☐ The at	tached application, or I States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and
number into this form wh	hen they become known.)
The above-identified app	olication was made or authorized to be made by me.
I hereby state that I have including the claims.	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 discations, 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 Delaward hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its store the inventions and diname or names, or in my insert the serial/applica 16/002381  ASSIGNEE, its success applications, in and to the including all application reexaminations and reiss.  And I hereby agree for	nent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, 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 is coveries in any and all countries, entities and intergovernmental organizations, in its or their own value, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to attoin number and filing date of the application to receive Letters Patent herein: Serial No., Filing Date June 7, 2018, and I hereby sell, assign and set over to the sors, assigns or other legal representatives, all rights of priority, including any provisional me inventions and discoveries in any and all countries, entities and intergovernmental organizations are claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, we applications.  Myself, 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 intergovernmental
organizations, and to per may deem necessary to s	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.
	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of not n	nat any willful false statement made in this declaration is punishable under 18 U.\$.C. 1001 by fine more than five (5) years or both.
LEGAL NAME OF INV	
Inventor: <u>Sean Tim</u>	nothy Ryan Date: 6/4/20/8
Signature: 🞾2	Z/27900
Notes An Application Det	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
	on form for each additional inventor.

Attorney Docket Number

84031293; 67[186-657PUS]

# 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	REINFORCED		ASSEMBLY	AND H	IEEL	KICK
	REINFORCEME	NT METHOD			ļ	
This declaration is direct	ed to:					
	tached application, or					
United	States application or PC	CT international app	dication number	of the amiliantic	n filing	date and
number into this form wh	nen they become known	.)	amorize the inscribin	or the application	ar onng	cace and
The above-identified app	lication was made or au	thorized to be made	by me.			
I hereby state that I have including the claims.	e reviewed and unders	stand the contents c	f the specification in	n the above-iden	tified ap	plication,
I believe that I am the or	iginal inventor or an ori	ginal joint inventor	of a claimed invention	n in the application	on.	
I am aware of the duty to continuation-in-part app application and the natio	lications, material info	ormation which be-	came available betw	veen the filing	1,56, includate of	uding for the prior
ASSIGNEE, its succes applications, in and to the including all application reexaminations and reiss	NOLOGIES, LLC, a For the ASSIGNEE, its streign, in and to the inverse coveries in any and all to name, at its or their election number and filing pate. It is sors, assigns or other the inventions and discoveries in any and all to name, at its or their election number and filing pate. It is sors, assigns or other the inventions and discovering claiming benefit of the applications.	and Motor Company place of business at uccessors, assigns of the regal representation of the app date of the app une 7, 2018	subsidiary, organized Dearborn, County of the legal representation in the above-identitives to make application and intergovernmental authorize the ASSIC lication to receive	d and existing by of Wayne, and Sentatives, the entitified invention intions and to recent organizations, GNEE or ASSIG Letters Patent he by sell, assign and intergovernment continuations-in	virtue of Mate of Mire right, neluding live Lette in its or MEE's at erein: Send set on any protal organtal organt, di	f the laws Michigan, title and the right ers Patent their own ttorney to erial No. ver to the rovisional anizations visionals,
And I hereby agree for including applications for organizations, and to pe may deem necessary to s	or Letters Patent of any rform any and all acts v	and all kinds and which the ASSIGNI	n any and all countr EE, its successors, as:	ies, entities and	intergove	ernmental
And I hereby represent a	nd warrant that I have n	ot granted any right	s inconsistent with th	e rights granted h	nerein.	
I hereby acknowledge the or imprisonment of not re-	nat any willful false stat nore than five (5) years	ement made in this or both.	declaration is punish	able under 18 U.	.\$.C. 100	H by fine
LEGAL NAME OF INV	ENTOR		Date:	6-4-8	9012	}
Inventor: Jamil Alv	van		_ Date:			<u> </u>
Signature:						
Note: An Application Dat Use an additional declaration	a Sheet (PTO/SB/14 or eq	quivalent), including r	aming the entire inven	tive entity, must ac	company	this form.
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Attorney Docket Number	9/02/1202	67186-657PUS1
Attorney Docket Number	04031233	0/100-03/1031

# 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	REINFORCED HEEL KICK ASSEMBLY AND HEEL KICK REINFORCEMENT METHOD
This declaration is direct	
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 app	lication was made or authorized to be made by me.
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continuation-in-part app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for lications, 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 TECHT of the State of Delaward hereinafter referred to as interest, domestic and for of the ASSIGNEE, its suffor the inventions and diname or names, or in my insert the serial/applicat 16/002381  ASSIGNEE, its success applications, in and to the	NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent accessors, assigns or other legal representatives to make applications and to receive Letters Patent accessors, assigns or other legal representatives to make applications, in its or their own of name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to be tion number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————
including applications fo organizations, and to per	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, r Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental 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 ar	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 nore than five (5) years or both.
LEGAL NAME OF INV	
Inventor: Deepak Pa	atel Date: 6/6/13
Signature:	Julian de la companya della companya
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.

Attorney Docket Number

84031293; 67186-657PUS1

## 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)

little of Invention	KEINFORCED HEEF VICK ASSEMBLY AND DEEF VICK
27	REINFORCEMENT METHOD
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.	
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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. 16/002381 , Filing Date June 7, 2018 ), 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.	
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LEGAL NAME OF INVENTOR	
Inventor: <u>Peyman</u>	Aghssa Date: 6/4/18
Signature:	
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Use an additional declaration form for each additional inventor.	

Attorney Docket Number 84031293; 67186-657PUS1

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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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Signature:		
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: 046014 FRAME: 0956

**RECORDED: 06/07/2018**