505961049 03/11/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6007756

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEYED ARMIN RAEIS HOSSEINY	03/03/2020
LUKE NIEWIADOMSKI	03/03/2020
ROGER ARNOLD TROMBLEY	03/04/2020
DONALD JACOB MATTERN	03/10/2020
CRAIG SCHMATZ	03/10/2020
LI XU	03/03/2020
ARNAV SHARMA	03/03/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16815080

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: 616-949-9610

Email: ptomail@priceheneveld.com

Correspondent Name: MICHAEL T. HAGES/PRICE HENEVELD LLP

Address Line 1: 695 KENMOOR SE Address Line 2: PO BOX 2567

Address Line 4: GRAND RAPIDS, MICHIGAN 49501

ATTORNEY DOCKET NUMBER:	84235343
NAME OF SUBMITTER:	MICHAEL T. HAGES
SIGNATURE:	/Michael T. Hages/

505961049 REEL: 052078 FRAME: 0149

PAIENI

DATE SIGNED:	03/11/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 7	
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Attorney Docket Number	84235343

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	Trailer Hitching Measures	Assistance	System	with	Contact	Mitigation
This declaration is directed	·					
	tached application, or States application or PCT i filed on			tion of tl	ne application	filing date and
The above-identified app	lication was made or author	rized to be made by	me.			
I hereby state that I havincluding the claims.	ve reviewed and understand	d the contents of t	he specification	on in the	above-identif	ied application,
I believe that I am the ori	iginal inventor or an origina	al joint inventor of a	a claimed inver	ntion in t	he application	,
continuation-in-part app	o disclose information whic lications, material informa nal or PCT international fili	ation which becan	ne available l	between	the filing da	
FORD GLOBAL TECHI of the State of Delaward 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 ASSIGNEE, its success applications, in and to th	ment agreement heretofore NOLOGIES, LLC, a Ford Me, having its principal places the ASSIGNEE, its succereign, in and to the invention accessors, assigns or other laction number and filing decent and the properties of the legal inventions and discoveries in claiming benefit of the ue applications.	Motor Company sure of business at Dessors, assigns or come and discoveries legal representative untries, entities and on (and I hereby at ate of the applicate of the applicate in any and all company and all comes are of the applicate in any and all company and all compa	bsidiary, organ pearborn, Coun other legal rep is in the above- es to make app I intergovernm uthorize the AS ation to receiv), and I I , all rights of ountries, entitie	nized and anty of Waresentative identified blications are tall org SSIGNED ve Letter hereby see f priority and interest and interest and interest and interest and interest was and interest of the priority as and interest and i	existing by viayne, and Staves, the entired invention income and to receive anizations, in E or ASSIGNITS Patent herell, assign and v, including a regovernment	irtue of the laws te of Michigan, e right, title and cluding the right te Letters Patent its or their own EE's attorney to ein: Serial No. I set over to the any provisional al organizations
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And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.						
	at any willful false stateme nore than five (5) years or b		claration is pu	nishable	under 18 U.S.	C. 1001 by fine
LEGAL NAME OF INV			~	<u>-</u>	19:10	000
Inventor: Seyed Arm	nin Raeis Hosseiny		Date	:	/3/2	220
Signature:	HE -					
	a Sheet (PTO/SB/14 or equiva		ing the entire in	ventive er	ntity, must acco	ompany this form.

Attorney Docket Number	84235343

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		-	Assistance	System	with	Contact	Mitigation
	Measures						
This declaration is directed	ed to:						
The attached application, or United States application or PCT international application number filed on							
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The above-identified appli	lication was ma	ade or author	ized to be made by	me.			
I hereby state that I havincluding the claims.	e reviewed and	d understand	the contents of t	he specificatio	on in the	above-identif	ied application,
I believe that I am the ori	ginal inventor o	or an original	l joint inventor of a	a claimed inver	ntion in t	he application	
I am aware of the duty to continuation-in-part appliapplication and the nation	lications, mater	rial informa	tion which becan	ne available b	oetween	the filing da	
Pursuant to my employn FORD GLOBAL TECHN of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its suffor the inventions and disname or names, or in my insert the serial/applicate ASSIGNEE, its success applications, in and to the including all application reexaminations and reissuand I hereby agree for respectively.	NOLOGIES, LI e, having its pr s the ASSIGNE reign, in and to accessors, assig scoveries in any name, at its or ion number at, Filing I fors, assigns of the inventions and the capplications.	LC, a Ford Maincipal place EE, its succe the invention can or other lay and all cour their election and filing da Date or other legal and discoveries canefit of the	Motor Company sul- e of business at D ssors, assigns or on an and discoveries egal representative entries, entities and on (and I hereby an atte of the application of the application al representatives, is in any and all co- filing date hereo	bsidiary, organ bearborn, Coun other legal rep. s in the above-i es to make app I intergovernmenthorize the AS ation to receiv), and I i, all rights of ountries, entitie of, continuatio	nized and aty of Waresentative identified olications ental org SSIGNER we Letter hereby see f priority as and int ons, contr	existing by viayne, and States, the entire I invention incommentations, in E or ASSIGNITE Patent here Ell, assign and v. including a tergovernment inuations-in-patent series.	rtue of the laws te of Michigan, right, title and luding the right te Letters Patent its or their own EE's attorney to ein: Serial No. set over to the any provisional al organizations art, divisionals,
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 the or imprisonment of not m				claration is pur	nishable	under 18 U.S.	C. 1001 by fine
LEGAL NAME OF INV	ENTOR						
Inventor: <u>Luke Nies</u>	<u>wiadomski</u>			Date:	: 3/3	3/2020	
Signature: /Luke Ni	ewiadomski/						
Note: An Application Data				ing the entire in	ventive er	ntity, must acco	mpany this form.

Use an additional declaration form for each additional inventor.

PATENT

Attorney Docket Number	84235343

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	Trailer Hitching	Assistance	System	with	Contact	Mitigation	
	Measures						
This declaration is directed	ed 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 wh						8	
The above-identified app	lication was made or author	rized to be made by	me.				
I hereby state that I havincluding the claims.	ve reviewed and understand	d the contents of t	he specificatio	on in the	above-identif	ied application,	
I believe that I am the ori	iginal inventor or an origina	l joint inventor of a	a claimed inver	ntion in t	he application		
continuation-in-part appl	o disclose information whic dications, material informational fili	ation which becan	ne available b	between	the filing da		
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And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.							
	at any willful false statemenore than five (5) years or b		claration is pur	nishable 1	under 18 U.S.	C. 1001 by fine	
LEGAL NAME OF INV	ENTOR						
	nold Trombley		Date	:	3/4/2020		
Signature: /Roger	r Arnold Trombley/						
	a Sheet (PTO/SB/14 or equiva		ing the entire in	ventive er	ntity, must acco	mpany this form.	

Attorney Docket Number	84235343

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	Trailer Hitching	Assistance	System	with	Contact	Mitigation		
	Measures							
This declaration is directed	This declaration is directed to:							
	tached application, or ! States application or PCT i filed on			tion of tl	he application	filing date and		
number into this form wh		_ ` ,			11			
The above-identified appl	lication was made or author	rized to be made by	me.					
I hereby state that I havincluding the claims.	re reviewed and understand	the contents of the	he specification	n in the	above-identif	ied application,		
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LEGAL NAME OF INV	ENTOR							
Inventor: <u>Donald Ja</u>	acob Mattern		Date:	: <u>03</u>	<u>3/10/2020</u>			
Signature: /Dona	ıld Jacob Mattern/							
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Use an additional declaration form for each additional inventor.

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Attorney Docket Number	84235343

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	1	_	Assistance	System	with	Contact	Mitigation
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I believe that I am the ori	ginal invent	or or an origina	al joint inventor of	a claimed inve	ntion in t	the application	
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LEGAL NAME OF INV Inventor: Craig Sch				Date	: <u> </u>	MARCH 10,	2020
Signature:	Mrs	X					
Note: An Application Data				ing the entire in	ventive e	ntity, must acco	mpany this form.

Attorney Docket Number	84235343

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	Trailer I	•	Assistance	System	with	Contact	Mitigation
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Inventor: Li Xu Signature:	-fh		Date:		/ >10		
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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)

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PATENT REEL: 052078 FRAME: 0157

RECORDED: 03/11/2020