502970466 09/10/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3017065

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOUGLAS SCOTT RHODE	07/31/2014
DAVID DEAN SMIT	07/28/2014
ERICK MICHAEL LAVOIE	07/28/2014
MARTIN FITZPATRICK FREY	07/30/2014
THOMAS EDWARD PILUTTI	09/05/2014
MATT Y. RUPP	07/30/2014
ROGER ARNOLD TROMBLEY	07/30/2014

RECEIVING PARTY DATA

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	330 TOWN CENTER DRIVE
Internal Address:	FAIRLANE PLAZA SOUTH, SUITE 880
City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48126

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14482604

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.

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Correspondent Name: PRICE HENEVELD, LLP/PETER A. CUMMINGS

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Address Line 4: GRAND RAPIDS, MICHIGAN 49501-2567

ATTORNEY DOCKET NUMBER:	83460812
NAME OF SUBMITTER:	PETER A. CUMMINGS
SIGNATURE:	/Peter A. Cummings/

DATE SIGNED:	09/10/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 7	
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source=18S4058#page7.tif	

Attorney Docket Number	83460812	

Title of Invention TRAILER BACKUP ASSIST CURVATURE CONTROL		TRAILER BACKUP ASSIST CURVATURE CONTROL	
This declaration is directed to:			
X	United	tached application, or I States application or PCT international application number filed on	
The above-identif	ied app	olication was made or authorized to be made by me.	
I hereby state that including the claim		ve reviewed and understand the contents of the specification in the above-identified application,	
I believe that I am	the ori	iginal inventor or an original joint inventor of a claimed invention in the application.	
continuation-in-pa	art 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 of the State of D hereinafter referred interest, domestic of the ASSIGNEI for the inventions name or names, o insert the serial/ASSIGNEE, its applications, in an	TECHI elaward ed to as and fo E, its su and di er in my applicat successed to the	ment 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 scoveries in any and all countries, entities and intergovernmental organizations, in its or their own mame, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to tion number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————	
including applications, and	tions fo I to per	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 rform 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 repr	esent a	nd warrant that I have not granted any rights inconsistent with the rights granted herein.	
I hereby acknowled or imprisonment of	edge th	nat 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 O		ENTOR	
Inventor: Do	ouglas S	Scott Rhode Date: 7/31/14	
Signature:	Jour	Las South Rhode	
Note: An Applicat Use an additional de	ion Data eclaration	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. on form for each additional inventor.	

Docket Number		

Title of Invention	n TRAILER BACKUP ASSIST CURVATURE CONTROL
This declaration is	directed to:
	The attached application, or United States application or PCT international application numberfiled on,
The above-identif	ed application was made or authorized to be made by me.
I hereby state tha including the clair	t I have reviewed and understand the contents of the specification in the above-identified application, as.
I believe that I am	the original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-pa	duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for rt applications, material information which became available between the filing date of the prior national or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of Dehereinafter referred interest, domestic of the ASSIGNEI for the inventions name or names, or insert the serial/a ASSIGNEE, its applications, in an including all app	inployment agreement heretofore made or by contractual obligation, I do self, assign and set over unto TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws staware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, d to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and and foreign, in and to the inventions and discoveries in the above-identified invention including the right, its successors, assigns or other legal representatives to make applications and to receive Letters Patent and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own philication number and filling date of the application to receive Letters Patent herein: Serial No.
including applicat organizations, and	re for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, fons for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ry to secure thereto the rights herein sold, assigned and set over.
And I hereby repre	esent and warrant that I have not granted any rights inconsistent with the rights granted herein.
	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine f not more than five (5) years or both.
LEGAL NAME C	
inventor: <u>Da</u>	vid Dean Smit Date; 7-20-17
Signature:	Little Contractiff
	on Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. claration form for each additional inventor.

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Attorney Docke	i Sambec -	1 83469812	
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i ille oi inven	1000 TRAILER BACKUP ASSIST CONVATORE CONTROL
This declaration	r is directed to:
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The above-iden	tified application was made or authorized to be made by me.
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FORD GLOBA of the State of hereinafter refe interest, domes of the ASSIGN for the inventic name or names insert the scri ASSIGNEE, it applications, in including all a	remployment agreement heretofore made or by contractual obligation. I do sell, assign and set over unto LTECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, and 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 right IEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patentons 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
including appli organizations,	igree 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 intergovernmental and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives essary to secure thereto the rights herein sold, assigned and set over.
And I hereby re	epresent and warrant that I have not granted any rights inconsistent with the rights granted berein.
f hereby ackno or imprisonmen	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine at of not more than five (5) years or both.
	E OF INVENTOR
inventor:	Erick Michael Lavoie Date: 1/20/2013
Signature: [ail Melsel Faria
Note: An Apph Use an additiona	cation Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. I declaration form for each additional inventor.

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Andrew and Physics Street Allers Comment	83460812
Attorney Docket Number	83900812
a proper seal, me a series and a series and	

Title of Invention	TRAILER BACKUP ASSIST CURVATURE CONTROL
This declaration is direct	ed to:
United	tached application, or States application or PCT international application number filed on
The above-identified app	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 or	iginal 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. ———————————————————————————————————	
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 a	nd 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	ENTOR / // // -7/20//d
Inventor: <u>Martin F</u>	tzpatrick Frey Date:
Signature:	
Note: An Application Dat	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
Use an additional declaration	on form for each additional inventor.

	torney Docket Number	1 67460013	
- 24.3	RODREY LINCKER CHRISTORY	CANADING	
	the state of the s	1.32.1000.00	

Title of Inventio	n TRAILER BACKUP ASSIST CURVATURE CONTROL
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FORD GLOBAL I of the State of De hereinafter referred interest, domestic a of the ASSIGNEE, for the inventions a name or names, or insert the serial/applications, in and including all applications and policy of the serial applications are serial applications and policy of the serial applications are serial applications and policy of the serial applications are serial applications and policy of the serial applications are serial applications and policy of the serial applications are serial applications and policy of the serial applications are serial applications and policy of the serial applications are serial applications and policy of the serial applications are serial applications.	reployment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws laware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, I to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and and foreign, in and to the inventions and discoveries in the above-identified invention including the right, its successors, assigns or other legal representatives to make applications and to receive Letters Patent and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to opplication number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
including applications and	e for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, ons for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives by to secure thereto the rights herein sold, assigned and set over.
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LEGAL NAME OF	2
Signature:	mas Edward Pilutti. Date: 1/3/1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
	in Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Attorney Docket Number	83460812	

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FORD GLOBAL TECH of the State of Delawa hereinafter referred to interest, domestic and for the ASSIGNEE, its for the inventions and chame or names, or in minsert the serial/applic ASSIGNEE, its succe applications, in and to tincluding all application reexaminations and reis And I hereby agree for including applications organizations, and to perform the state of the s	he inventions and discoveries in any and all countries, entities and intergovernmental organizations ons claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals,
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	VENTOR -7/30/14/
Inventor: Matt Y.	Rupp Date:
Signature:	Tate flygg
	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

RECORDED: 09/10/2014

Attorney Docket Number	83460812

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 Inventi	on	TRAILER BACKUP ASSIST CURVATURE CONTROL
This declaration i	s direct	ed to:
X C	United	tached application, or I States application or PCT international application number filed on
The above-identit	fied app	olication was made or authorized to be made by me.
I hereby state the including the clai		we reviewed and understand the contents of the specification in the above-identified application,
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including applica organizations, an	tions fo d to pe	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 rform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives accure thereto the rights herein sold, assigned and set over.
And I hereby rep	resent a	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	VENTOR 7/30 /2014
Inventor: R	oger Ai	mold Trombley Date: 7/20/20
Signature:	Kong	and hely
		a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. on form for each additional inventor.