PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2882940

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATT Y. RUPP	06/03/2014
DAVID DEAN SMIT	06/03/2014
ROGER ARNOLD TROMBLEY	06/03/2014
THOMAS EDWARD PILUTTI	06/03/2014
ERICK MICHAEL LAVOIE	06/03/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	14295294			

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: 480 200 2054

Email: LISA@I3LAW.COM

Correspondent Name: ANGELA M. BRUNETTI, PLLC Address Line 1: 3233 LAKE FOREST DR.

Address Line 4: STERLING HEIGHTS, MICHIGAN 48314

ATTORNEY DOCKET NUMBER:	83435258
NAME OF SUBMITTER:	LISA E. BROWN
SIGNATURE:	/Lisa E. Brown/
DATE SIGNED:	06/03/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

PATENT
REEL: 033023 FRAME: 0103

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Attorney Docket Number	83435258
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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)

ARIC OLEBVERO	ENABLING CONDITIONS DURING TRAILER BACKUP ASSIST				
This declaration is directed to:					
	The attached application, or United States application or PCT international application number filed on				
The above-identi	fied application was made or authorized to be made by me.				
I hereby state th including the clai	at I have reviewed and understand the contents of the specification in the above-identified application, ms.				
I believe that I an	n the original inventor or an original joint inventor of a claimed invention in the application.				
continuation-in-p	e duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for art applications, material information which became available between the filing date of the prior se national or PCT international filing date of the continuation-in-part application.				
FORD GLOBAL of the State of I hereinafter referrinterest, domestic of the ASSIGNE for the invention name or names, insert the serial ASSIGNEE, its applications, in a including all ap	employment 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 belaware, 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 and foreign, in and to the inventions and discoveries in the above-identified invention including the right E, 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 application number and filing date of the application to receive Letters Patent herein: Serial No.  [Filing Date				
including applica organizations, an	ree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, thous for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental do perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives sary to secure thereto the rights herein sold, assigned and set over.				
And I hereby rep	resent and warrant that I have not granted any rights inconsistent with the rights granted herein.				
or imprisonment	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of not more than five (5) years or both.				
LEGAL NAME : Inventor: E					
Signature: 2	rick Michael Lavois Dole 3/2//4/7				
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	tion Data Sheet (PTO/SE/14 or equivalent), including naming the entire inventive entity, must accompany this form, technolism for each additional inventor				

Please direct all correspondence to: 77327

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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)

Title of Invention	DETECTION OF AND COUNTER-MEASURES FOR JACKKNIFE ENABLING CONDITIONS DURING TRAILER BACKUP ASSIST				
This declaration is directed to:					
United	tached application, or I States application or PCT international application number filed on				
The above-identified app	dication 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 Delawar hereinafter referred to a interest, domestic and for of the ASSIGNEE, its stor the inventions and diname or names, or in my insert the serial/applications.	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 husiness 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 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 non number and filing date of the application to receive Letters Patent herein: Serial No.  —, Filing Date ————————————————————————————————————				
including applications forganizations, and 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 become 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 imprisonment of not r	nat any willful false statement made in this declaration is punishable under 18 U.S.C. 1801 by fine more than five (5) years or both.				
LEGAL NAME OF INV	ENTOR NAME OF THE PARTY OF THE				
	Edward Pilum Date: The Control of th				
Signature:					
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.				

Please direct all correspondence to: 77327

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Attorney Docket Number	83433258	- 3

## 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 Invent	ío <b>n</b>	DETECTION ENABLING CO					OR JACKKNIFE PASSIST
This declaration	is direct					••••	***************************************
8	United	tached application, or I States application or	<b>PCT</b> interns				
The above-identi	fied app	dication was made or	authorized t	o be made by me.			
I hereby state th including the clai	at I ha ims.	e reviewed and unde	erstand the	contents of the spe	cification i	n the abov	e-identified application,
I believe that I ar	n the or	iginal inventor or an o	riginal joint	inventor of a claim	ed inventio	n in the ap	plication.
continuation-in-p	ert app	o disclose information dications, material in nal or PCT internation	noitement of	which became ava	ilable ben	veen the f	F.R. 1.56, including for iling date of the prior
FORD GLOBAL of the State of II hereinafter refer interest, domestic of the ASSIONE for the invention name or names, insert the serial  ASSIGNEE, its applications, in a including all ap reexaminations a  And I hereby ag including applica	TECH belawar red to a cand fication in my species with the streets and to the phication and refer for attents at the attents for attents for attents at the attents a	NOLOGIES, LLC, a  e, having its principa  s the ASSIGNEE, its  reign, in and to the in  scoveries in any and  y name, at its or their  tion number and fit , Filing Date  sors, assigns or othe  te inventions and disc  as claiming benefit  ue applications.  myself, my heirs, suc  or Letters Patent of at	Ford Motor of place of be successors, eventions and other legal reported of the filing date of the filing cessors, assumed all k	Company subsidier usiness at Dearhor assigns or other is presentatives to m, entities and interg d I hereby authorize the application is mesentatives, all ring and all countries date hereof, configns or other legal inds and in any and all any and	y, organize n, County 2gal repres- above-ide: ake applica overnment e the ASSI o receive and I han ights of p i, emities a tinuations, representat I all count	d and exist of Wayne, entatives, to efficed inve- ations and : at organiza GNEE or / Letters Pa eby sell, as riority, inc ad intergov continuati ives to exe- ries, entitle	issign and set over unto ing by virtue of the laws and State of Michigan, he entire right, title and mion including the right to receive Letters Patent tions, in its or their own ASSIGNEE's attorney to tent herein: Serial No. sign and set over to the duding any provisional eromental organizations ons-in-part, divisionals, cute any and all papers, and intergovernmental her legal representatives
		ecure thereto the right and warrant that I have				na stalais sa	nesad bawin
I hereby acknow	ledge ti		stement ma				18 U.S.C. 1001 by fine
LEGAL NAME		·····		**************************	***************		······································
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Signature:		<u> </u>					
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		a Sheet (PTO/SB/14 or on form for noch addition		ncluding naming the	entire inven	tive entity, i	must accompany this form.

Please direct all correspondence to: 77327

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Attorney Docket Number	83435258

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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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.	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.
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 because available between the filing date of the prior had or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECH! of the State of Delaware 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/applicated ASSIGNEE, its success applications, in and to the	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 to having its principal place of business at Dearborn, County of Wayne, and State of Michigan, 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 excessors, 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 name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ion number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
including applications to organizations, and to per	nyself, 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 secure thereto the rights herein sold, assigned and set over.
And I hereby represent an	d 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 ore than five (5) years or both.
LEGAL NAME OF INVI	The second of th
Inventor: <u>David Des</u>	in Smit Date: <u>5/2/114</u>
Signature:	s frat
Note: An Application Data Use an additional declaration	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. I form for each additional inventor.

Title of Invention	DETECTION OF AND COUNTER-MEASURES FOR JACKKNIFE ENABLING CONDITIONS DURING TRAILER BACKUP ASSIST
This declaration is di	
□ Ur	ie attached application, or ifted States application or PCT international application number filed on
The above-identified	application was made or authorized to be made by me.
I hereby state that I including the claims.	have reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the	e original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part	ty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for applications, material information which became available between the filing date of the prior ational or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TE of the State of Delar hereinafter referred to interest, domestic and of the ASSIGNEE, if for the inventions and name or names, or in insert the serial/app ASSIGNEE, its successful applications, in and to	loyment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto CHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws ware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and d foreign, in and to the inventions and discoveries in the above-identified invention including the right ts successors, assigns or other legal representatives to make applications and to receive Letters Patent d discoveries in any and all countries, entities and intergovernmental organizations, in its or their own a my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to lication number and filing date of the application to receive Letters Patent herein: Serial No.
including application organizations, and to	for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, is for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives to secure thereto the rights herein sold, assigned and set over.
And I hereby represen	nt and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of n	e that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of more than five (5) years or both.
LEGAL NAME OF I	NVENTOR Amold Trombley Date: 5/23/20/4
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Signature:	and the second of the second o
	Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, ration form for each additional inventor.

PATENT REEL: 033023 FRAME: 0109

RECORDED: 06/03/2014