#### 505351184 02/28/2019

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5397969

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
BRIAN GABEL	02/26/2019	
JOSHUA SHARPE	02/27/2019	
KEITH WESTON	02/27/2019	
ANDREW BROWN	02/26/2019	

#### **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16288461

#### **CORRESPONDENCE DATA**

Fax Number: (248)358-3351

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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Email: journedian@brookskushman.com

**Correspondent Name:** BROOKS KUSHMAN P.C. Address Line 1: 1000 TOWN CENTER

Address Line 2: 22ND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075-1238

ATTORNEY DOCKET NUMBER:	84100658 (FMC9289PUS)
NAME OF SUBMITTER:	BERNARD P. TOMSA
SIGNATURE:	/Bernard P. Tomsa/
DATE SIGNED:	02/28/2019

**Total Attachments: 4** 

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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	METHOD AND APPARATU  MONITORING	IS FOR ADAPTIVE TRAILER CONTENT	
This declaration is direct	<u></u>		
Think what should be seen about	may, the control of t		
United	tached application, or  I States application or PCT international a  filed on	application number  application number  application filing date and	
number into this form wh	nen they become known.)	authorize the insertion of the application filing date and	
The above-identified app	flication was made or authorized to be ma	ade by me.	
I hereby state that I havincluding the claims.	e reviewed and understand the contents	s of the specification in the above-identified application.	
I believe that I am the ori	iginal inventor or an original joint invento	or of a claimed invention in the application.	
continuation-in-part app		to patentability as defined in 37 C.F.R. 1,56, including for became available between the filing date of the prior e 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, liaving 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. 16/288,461 , Filing Date February 28, 2019 , 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 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.			
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.			
	nat any willful false statement made in the nore than five (5) years or both.	his declaration is punishable under 18 U.S.C. 1001 by fine	
LEGAL NAME OF INV	***************************************	A 18 18 18 18 18 18 18 18 18 18 18 18 18	
Inventor: <u>Brian Gal</u>		Date: <u>FEB 26, 2019</u>	
Signature: 12	<u> </u>		
	a Sheet (PTO/SB/14 or equivalent), including	g naming the entire inventive entity, must accompany this form.	

*************	 
Attorney Docket Number	

## 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	METHOD AND APPARATUS FOR ADAPTIVE TRAILER CONTENT
	MONITORING
This declaration is direct	ed to:
United	ached application, or  States application or PCT international application number  filed on
number into this form wh	en they become known.)
The above-identified appl	ication was made or authorized to be made by me.
including the claims.	reviewed and understand the contents of the specification in the above-identified application.
I believe that I am the orig	ginal 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 ications, material information which became available between the filing date of the prior al or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECHN of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and dis name or names, or in my insert the serial/applicat 16/288,461 ASSIGNEE, its success applications, in and to the including all application reexaminations and reissu And I hereby agree for n	ent agreement heretofore made or by contractual obligation. I do sell, assign and set over unto sOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws, 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 eign, in and to the inventions and discoveries in the above-identified invention including the right ecessors, assigns or other legal representatives to make applications and to receive Letters Patent coveries 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., Filing Date February 28, 2019  (and I hereby sell, assign and set over to the ors, assigns or other legal representatives, all rights of priority, including any provisional inventions and discoveries in any and all countries, entities and intergovernmental organizations claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, applications.  Applications  Applications  Applications and all kinds and in any and all countries, entities and intergovernmental intergovernmental organizations.
organizations, and to perf	form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives cure 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 me	t any willful false statement made in this declaration is punishable under 18 U.S.C. (001 by fine are than five (5) years or both.
LEGAL NAME OF INVE	
Inventor: <u>Joshua Sh</u>	Date: 2/4/13
Signature:	
<u> </u>	7 PD: 10 1878/3/88(1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
rune: An Application Data Use un additional declaration	Sheet (PTO/SB/14 or equivalent), including asming the entire inventive entity, must accompany this form. form for each additional inventor.

	<u> </u>
Attorney Docker Number	84100658

REEL: 049977 FRAME: 0991

# 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	METHOD AND APPARATUS FOR ADAPTIVE TRAILER CONTENT MONITORING
The declaration is duect	ed to:
	tacked application of  (State: application of PCT international application number  filed on(I hereby authorize the unsertion of the application filing date and sen they become known.)
The above-identified app	dicanon was made or authorized to be made by me.
I hereby state that I has 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.
continuation-mark act	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 heremafter referred to a interest, domestic and for of the ASSIGNEE, it is for the inventions and diname or names, or in interest the sensitapplica 16/288,461  ASSIGNEE, its successapplications in and to the including all applications reexaminations and reinterest.	
including application: for constitutions and to permanent and to permanent to the constitution of the cons	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 communes, emittes and intergovernmental aform 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 warrant that I have not granted any right; incomprisent with the right; granted heress.
os umparonusent of not :	hat any wallful false statement made in this declaration is punishable under 18 U.S.C. 1991 by fine more than five (5) years or both.
LEGAL NAME OF INV Inventor: Kesth W	
Signature: Again W	B-1/25=
More: An Application Da	ta Sheet (PTO SB-14 or equivalent), including naming the entire inventive entire, maist accompany this form.  PATENT  PATENT

Please direct all correspondence to: 28395

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Attorney Docket Number	84100658	

## 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 METHOD AND APPARATUS FOR ADAPTIVE TRAILER CONTENT MONITORING
This declaration is directed to:
X The attached application, or United 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 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 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. 16/288.461 , Filing Date February 28, 2019 ), 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.
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 2/2/ / 10
Inventor: Andrew Brown Date: 4/46/19
Signature: Coloran B Brown
Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 049977 FRAME: 0992

**RECORDED: 02/28/2019**