PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3362678

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ADAM NATHAN BANKER	01/22/2013
ALEX O'CONNOR GIBSON	02/20/2013
JEFFREY ALLEN DOERING	02/12/2013
JAMES WILLIAM LOCH MCCALLUM	01/18/2013
DAVID OSHINSKY	01/07/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14717889

CORRESPONDENCE DATA

Fax Number: (503)459-4142

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: 503-459-4141 Email: enabnit@ahmrt.com

Correspondent Name: ALLEMAN HALL MCCOY RUSSELL & TUTTLE, LLP

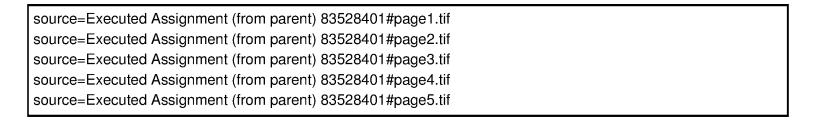
Address Line 1: 806 S.W. BROADWAY, SUITE 600 Address Line 4: PORTLAND, OREGON 97205

ATTORNEY DOCKET NUMBER:	83528401
NAME OF SUBMITTER:	JIBEK ENABNIT
SIGNATURE:	/Jibek Enabnit/
DATE SIGNED:	05/20/2015

Total Attachments: 5

PATENT REEL: 035684 FRAME: 0212

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Attorney Docket Number	X3243730
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Title of Inventio	METHODS AND SYSTEMS FOR EXTENDING REGENERATIVE BRAKING		
This declaration is	directed to:		
	The attached application, or United States application or PCT international application number filed on		
The above-identific	ed application was made or authorized to be made by me.		
I hereby state that including the claim	I have reviewed and understand the contents of the specification in the above-identified application, s.		
I believe that I am	he original inventor or an original joint inventor of a claimed invention in the application.		
continuation-in-par	futy to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for tapplications, material information which became available between the filing date of the prior 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. 13/776, 303 Filing Date February 25, 2013), 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 O			
Inventor: Ad	m Nathan Banker Date: 1/32/36/3		
Signature: <u>Co</u>	be Baken		
Note: An Applicational de	on Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.		

Attorney Docket Number	83243230	

Title of Invention	BRAKING	
This declaration is direct	ed to:	
United	tached application, or I States application or PCT international application number	
The above-identified app	elication 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 sfor the inventions and diname or names, or in my insert the serial/applications and to the serial success applications, in and to the including all application reexaminations and reiss		
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	and warrant that I have not granted any rights inconsistent with the rights granted herein.	
	nat 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: Alex O'C	Connor Gibson Date: 4 Com/ Sum/ Sum/ Sum/ Sum/ Sum/ Sum/ Sum/ Su	
Signature:	4x 242	
Notes An Angliantian Da	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 83243230	
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Title of Invention	METHODS	AND	SYSTEMS	FOR	EXTENDING	REGENERATIVE
	BRAKING	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				······
This declaration is dire	ected to:					
	attached application ted States application		international ann	Koation n	umber	
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The above-identified a	application was made	e or autho	rized to be made	by me.		
I hereby state that I including the claims.	nave reviewed and n	understan	d the contents o	f the spec	cification in the abo	ve-identified application,
I believe that I am the	original inventor or	an origin	al joint inventor o	f a claim	ed invention in the a	pplication.
	applications, materic	d inform	ation which bec	ame ava	ilable between the	C.F.R. 1.56, including for filing date of the prior
FORD GLOBAL TEC of the State of Delaw hereinafter referred to interest, domestic and of the ASSIGNEE, its for the inventions and name or names, or in insert the serial/appl 13/776,303 ASSIGNEE, its succe applications, in and to	HNOLOGIES, LLC /are, having its prin) as the ASSIGNEE foreign, in and to the s successors, assigns discoveries in any a my name, at its or the feation number and printing Da tessors, assigns or the inventions and tions claiming bene	a Ford cipal place, its successe invention other and all controlled the Febrush other lediscoveri	Motor Company ce of business at ressors, assigns cons and discover legal representation (and I hereby date of the apportuary 25, gal representatives in any and all	subsidiary Dearborn r other letes in the lives to me and interg authorize ication to 2013, es, all ri countries	y, organized and exi- in. County of Wayne- egal representatives, above-identified invalue and overnmental organize the ASSIGNEE or o receive Letters I and I hereby sell, a ights of priority, in, entities and interger	assign and set over unto sting by virtue of the laws 2, and State of Michigan, the entire right, title and rention including the right I to receive Letters Patent rations, in its or their own ASSIGNEE's attorney to ratent herein: Serial No. assign and set over to the neluding any provisional overnmental organizations ations-in-part, divisionals,
including application	for Letters Patent operform any and all	of any an acts whi	id all kinds and i ch the ASSIGNE	n any and E, its suc	d all countries, entit wessors, assigns or	secute any and all papers, ies and intergovernmental other legal representatives
And I hereby represer	it and warrant that I	have not	granted any right	inconsis	tent with the rights s	rimied herein.
or imprisonment of ne	of more than five (5)			declaratio	on is punishable und	er 18 U.S.C. 1001 by fine
LEGAL NAME OF I		array .			\$ my	Comment on the same
Inventor: Leffrey	Allen Doering	(dl.	**************	Date: 1	
Signature:				consta		***************************************
		Arriva	in the second contraction is a second contraction of the second contra			
Note: An Application Use an additional declar				aming the	emire inventive entity	, must accompany this form.
Comment of the commen	The second second second second second					

Please direct all correspondence to customer number: 36865

Attorney Docket Number	83243230

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invention	METHODS BRAKING	AND	SYSTEMS	FOR	EXTENDING	REGENERATIVE	
This declaration is d	irected to:						
	ne attached application nited States application	n or PCT				,	
The above-identified	l application was made	e or autho	orized 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 th	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. 13/776,303, Filing Date February 25, 2013), 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: Jam	' INVENTOR es William Loch McC	ellum			Date:	3JL2013	
Signature:	SE UL 1						
*					*		
Note: An Applicatio	n Data Sheet (PTO/SB/ laration form for each ac	14 or equi	valent), including to	naming the	entire inventive entity	, must accompany this form.	

Attorney Docket Number	83243230
Automes Docker Number	03243230

Title of Inven	1	METHODS BRAKING	AND	SYSTEMS	FOR	EXTEN	IDING	REGENERATIVE
This declaration is directed to:								
			a or PCT i	international app filed on				
The above-ident	tified applic	ation was made	or author	rized 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.								
	part applic	ations, materia	ıl informa	ation which be	came avai	lable betw	veen the	C.F.R. 1.56, including for filing date of the prior
FORD GLOBA of the State of hereinafter refer interest, domest of the ASSIGNI for the invention name or names, insert the seria 13/776,3 ASSIGNEE, its applications, in	L TECHNO Delaware, I rred to as the ic and forei EE, its successor in my no I/application 03 s successor and to the i pplications	DLOGIES, LLC naving its principle ASSIGNEE, gn, in and to the essors, assigns overies in any a mane, at its or the n number and, Filing Date s, assigns or niventions and o claiming bene	C, a Ford M cipal place, its succe he invention or other I and all couneir election filling do the February other leg- discoverie	Motor Company e of business a essors, assigns on and discover legal representation (and I hereby ate of the appuary 25, gal representatives in any and all	t Dearborn to the learborn or other learborn to the learborn and intergorn authorize olication to 2013, wes, all right countries,	y, organized a, County of gal represe above-iden ake applica overnmenta the ASSIC receive I and I herelights of properties and the properties and properties are also properties and properties and properties and properties are also properties are also properties and properties are also properties and properties are also properties and properties are also properties are also properties and properties are also properties and properties are also properties are also properties and properties are also properties and properties are also properties	I and exist of Wayne, entatives, the tified investions and all organizations of Letters Paby sell, as itority, income intergoral	assign and set over unto ting by virtue of the laws, and State of Michigan, the entire right, title and ention including the right to receive Letters Patent ations, in its or their own ASSIGNEE's attorney to atent herein: Serial No. ssign and set over to the cluding any provisional vernmental organizations ions-in-part, divisionals,
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 re	present and	warrant that I h	ave not gr	ranted any right	s inconsiste	ent with the	e rights gr	anted herein.
or imprisonmen	t of not mor	e than five (5)			declaration	n is punish:	able under	r 18 U.S.C. 1001 by fine
LEGAL NAME Inventor:I	OF INVEN David Osh					Date:	1/7/13	
Signature:	David A.	Oshnoh				*************************	*****************	
Note: An Applic	ation Data S	heet (PTO/SR/14	1 or equive	lent) including r	aming the	antire invent	ive entity	must accompany this form.
Tiole. All Applie	anon Data 3	100 (1 10/30/14	i oi oquiva	, menumg n	aming uic t	mine mycht	i.e chury,	must accompany uns 101111.

Note: An Application Data Sheet (P1O/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Use an additional declaration form for each additional inventor.

RECORDED: 05/20/2015