504337020 04/25/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4383708

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN ANATOLE FRAIT	04/11/2017
JOHN EDWARD BREVICK	04/11/2017
RAM SUDARSAN DEVENDRAN	04/11/2017

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Name:	FORD GLOBAL TECHNOLOGIES, LLC
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Internal Address:	330 TOWN CENTER DRIVE
City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48126

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15494675

CORRESPONDENCE DATA

Fax Number: (248)358-3351

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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:	FMC7938PUS (83787200)
NAME OF SUBMITTER:	COREY J. NEIL
SIGNATURE:	/Corey J. Neil/
DATE SIGNED:	04/25/2017

Total Attachments: 3

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PATENT 504337020 REEL: 042138 FRAME: 0659

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Attorney Docket Number	83787200

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 APPAKATUS FOR WITHIN AN AUTOMATIC TRANSMIS:	
This declaration is direct	led to:	
United	tached application, or I States application or PCT international application of filed on (I hereby authorize to	number he insertion of the application filing date and
number into this form wh	hen they become known.)	
The above-identified app	offication 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 spe	cification in the above-identified application,
I believe that I am the ori	iginal inventor or an original joint inventor of a claim	ed invention in the application.
continuation-in-part app	o disclose information which is material to patentable olications, material information which became available of the continuational filing date of the continuation	ilable between the filing date of the prior
FORD GLOBAL TECHI of the State of Delaware 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 15/494,675 ASSIGNEE, its success applications, in and to th including all application reexaminations and reiss And I hereby agree for a including applications for organizations, and to per	myself, my heirs, successors, assigns or other legal or Letters Patent of any and all kinds and in any and rform any and all acts which the ASSIGNEE, its suc	y, organized and existing by virtue of the laws in, County of Wayne, and State of Michigan, egal representatives, the entire right, title and above-identified invention including the right take applications and to receive Letters Patent covernmental organizations, in its or their own to the ASSIGNEE or ASSIGNEE's attorney to oreceive Letters Patent herein: Serial No. and I hereby sell, assign and set over to the lights of priority, including any provisional the entities and intergovernmental organizations attinuations, continuations-in-part, divisionals, representatives to execute any and all papers, it all countries, entities and intergovernmental organizations are constitutions 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.		
. Maria de constante de la con		
	nat any willful false statement made in this declaration note than five (5) years or both.	on is punishable under 18 U.S.C. 1001 by fine
LEGAL NAME OF INV	:	Date: 4/11/2017
Inventor: Steven Au	matole Frait	Date: 7 71 2012
Signature:	my U fut	<i>[</i>
	a Sheet (PTO/SB/14 or equivalent), including naming the	entire inventive entity, must accompany this form.

Attorney Docket Number	83787200
TELEGRATION AND CONTRACT AND INCOME.	00707200

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 STORING KINETIC ENERGY WITHIN AN AUTOMATIC TRANSMISSION ACCUMULATOR		
This declaration is directe	d to:		
X The attached application, or United States application or PCT international application number filed on			
immoer mee ma tour with	en they become known.y		
The above-identified appl	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 orig	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 informational 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. 15/494,675 Filing Date April 24, 2017 , 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.			
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 INVI	ENTOR ard Breyick Date: 4/11/17		
1	hu Edward Brevile.		
	is Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.		

RECORDED: 04/25/2017

83787200

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 STORM WITHIN AN AUTOMATIC TRANSMISSION ACC	
This declaration is direct		ùi-k-k-n-k-k-ùi-k-k-k-n-k-n-k-n-k-n-n-n-n-n-n-n-n-n-n-
	attached application, or d States application or PCT international application number filed on	of the application filing data and
number into this form wh	then they become known.)	i me abbijenion unug date and
The above-identified app	plication was made or authorized to be made by me:	
I hereby state that I have including the claims.	we reviewed and understand the contents of the specification in	the above-identified application,
I believe that I am the ori	riginal inventor or an original joint inventor of a claimed invention i	in the application.
continuation-in-part app	to disclose information which is material to patentability as defined plications, material information which became available between all or PCT international filing date of the continuation-in-part applications.	en the filing date of the prior
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 15/494,675 ASSIGNEE, its success applications, in and to the	ment agreement heretofore made or by contractual obligation, I of INOLOGIES, LLC, a Ford Motor Company subsidiary, organized are, having its principal place of business at Dearborn, County of as the ASSIGNEE, its successors, assigns or other legal represent oreign, in and to the inventions and discoveries in the above-identification of the inventions and discoveries in the above-identification of the inventions and all countries, entities and intergovernmentally name, at its or their election (and I hereby authorize the ASSIGNation number and filing date of the application to receive Legal representatives, all rights of prior the inventions and discoveries in any and all countries, entities and one claiming benefit of the filing date hereof, continuations, continuations.	Wayne, and State of Michigan, tatives, the entire right, title and fied invention including the right ons and to receive Letters Patent organizations, in its or their own NEE or ASSIGNEE's attorney to otters Patent herein: Serial No. I sell, assign and set over to the crity, including any provisional intergovernmental organizations
including applications fo organizations, and to per	myself, my heirs, successors, assigns or other legal representative or Letters Patent of any and all kinds and in any and all countries arrived any and all acts which the ASSIGNEE, its successors, assigned and set over.	s, entities and intergovernmental
And I hereby represent ar	and warrant that I have not granted any rights inconsistent with the r	rights granted herein.
or imprisonment of not m	hat any willful false statement made in this declaration is punishab more than five (5) years or both.	de under 18 U.S.C. 1001 by fine
LEGAL NAME OF INV		24/11/2017
\mathcal{A}	larsan Devendran Date:	7/1/201/
Signature:		
	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive on form for each additional inventor	e entity, must accompany this form.