#### 503925134 07/21/2016

### PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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DOUG B. THORNBURG	04/22/2016

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

Property Type	Number
Application Number:	15138703

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ATTORNEY DOCKET NUMBER:	83649990 (026780.8239)
NAME OF SUBMITTER:	JAMES P. MURAFF
SIGNATURE:	/JAMES P. MURAFF/
DATE SIGNED:	07/21/2016

**Total Attachments: 2** 

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> **PATENT** REEL: 039425 FRAME: 0565 503925134

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Attorney Docket Number	<u>                                    </u>

## 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		EXTENSION	AND I	MEIHODS	FOR	PHO 	WE-A	17-A-CI	***	KANGE
This declaration i	s directe	ed to:								
	United	ached application, States application	or PCT in							
The above-identi	fied app	lication was made	or authoria	zed to be made b	ny me.					
I hereby state the including the claim		e reviewed and u	nderstand	the contents of	the specifi	ication in	the ai	oove-idem	tified a	application,
I believe that I an	n the ori	ginal inventor or a	m original	joint inventor of	a claimed	invention	a in the	application	m,	
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FORD GLOBAL of the State of L hereinafter referr interest, domestic of the ASSIGNE for the invention name or names, o insert the serial  ASSIGNEE, its applications, in a including all ap reexaminations a  And I hereby ag including applica organizations, an	TECHI relaware red to as red and for E, its st red and di rin my rapplicat success and to the plication and reiss ree for a reions for d to per	ment agreement he NOLOGIES, LLC a, having its princ s the ASSIGNEE, reign, in and to the accessors, assigns scoveries in any at mame, at its or th tion number and, Filing Dat sors, assigns or a te inventions and d as claiming benef ue applications.  myself, my heirs, or Letters Patent o form any and all a curre thereto the ri	, a Ford M ipal place its succes e invention or other le ord all cour eir election filing dat e other lega discoveries fit of the successors f any and acts which	of business at I soors, assigns or and discoveries and discoveries and representative of the application of the all kinds and in the ASSIGNEE	ubsidiary, of Dearborn, of other legal is in the aboves to make authorize the cation to make, all right countries, end of continually and all its succession and all its succession and all its succession and all its succession and all its succession.	organized County of representations of principles and the resentatives a	d and expendence of Ways entative attitions as all organ SNEE (Letters by sell, iority, and intercontinues to ics, entire, ent	xisting by ne, and S s, the enti- nvention i nd to rece- tizations, i or ASSIG: Patent h, assign as including governme untions-in- execute as ities and i	virtue state of fire right includir sive Let in its of NEE's erein: nd set of any intal organity and intergo	of the laws Michigan, at, title and ag the right tters Patent or their own attorney to Serial No. over to the provisional ganizations divisionals, all papers, vernmental
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PATENT REEL: 039425 FRAME: 0566 Please direct all correspondence to: 120903

**RECORDED: 07/21/2016** 

Attorney Docket Number	83649990	(026780.8239)
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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)

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This declaration is directed to:						
	The attached application, or United States application or PCT international application number filed on					
The above-identi	ified application was made or authorized to be made by me.					
I hereby state the including the class	at I have reviewed and understand the contents of the specification in the above-identified application ims.					
I believe that I ar	m the original inventor or an original joint inventor of a claimed invention in the application.					
continuation-in-p	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.					
FORD GLOBAL of the State of I hereinafter refer interest, 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 a TECHNOLOGIES, 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 red to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and c 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 Patern is and discoveries in any and all countries, entities and intergovernmental organizations, in its or their owr or 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	tree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers ations for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmentand to 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: B	OF INVENTOR Inock Watters Date: 22 April 2016					
Signature:	Bull 1275					
NOwaking Also Associated	AND THE PARK CLASS OF THE PARK					
ixene: Ant Applica Use an additional c	stion Data Sheet (PTO/SB/) 4 or equivalent), including naming the entire inventive entity, must accompany this form Sectambion form for each additional inventor.					

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