### 504045200 10/11/2016

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4091861

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY D	ΑΤΑ						
		Name		Execution Date			
VINCENT JOHN BUTTI	MER			10/07/2016			
BRYN ARTHUR DAVIES	3			10/10/2016			
KEITH ALAN BROWN				10/10/2016			
RECEIVING PARTY DA	TA						
Name:	FORD GLOBAL TECHNOLOGIES, LLC						
Street Address:	330 TOWN CENTER DRIVE						
Internal Address:	SUITE 800						
City:	DEARBORN						
State/Country:	MICHIG	iAN					
Postal Code:	48126	6					
	<b>-</b>						
PROPERTY NUMBERS Property Type	Total: 1	Number					
		<b>Number</b> 15290514					
Property Type Application Number:							
Property Type Application Number: CORRESPONDENCE D	)ATA	15290514					
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i>	PATA ( e sent to	15290514 (859)252-0779 <b>the e-mail address first; if that is</b>					
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if	PATA ( e sent to provided	15290514 (859)252-0779 <i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i>					
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if p</i> Phone:	PATA ( e sent to provided	15290514 (859)252-0779 <b>the e-mail address first; if that is</b> <b>; if that is unsuccessful, it will be</b> 359-252-0889					
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if	PATA ( e sent to provided	15290514 (859)252-0779 <i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i>	sent via l	JS Mail.			
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email:	PATA ( e sent to provided	15290514 (859)252-0779 <i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i> 359-252-0889 <s-ford@iplaw1.net< td=""><td>sent via l</td><td>JS Mail.</td></s-ford@iplaw1.net<>	sent via l	JS Mail.			
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name:	PATA ( e sent to provided	(859)252-0779 <i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i> 859-252-0889 <s-ford@iplaw1.net FORD GLOBAL TECHNOLOGIES,</s-ford@iplaw1.net 	sent via l	JS Mail.			
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	PATA e sent to provided { } }	(859)252-0779 <i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i> 859-252-0889 <s-ford@iplaw1.net FORD GLOBAL TECHNOLOGIES, 800 CORPORATE DRIVE, SUITE 2</s-ford@iplaw1.net 	sent via l	JS Mail.			
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	PATA e sent to provided { } }	(859)252-0779 the e-mail address first; if that is ; if that is unsuccessful, it will be 359-252-0889 <s-ford@iplaw1.net FORD GLOBAL TECHNOLOGIES, 300 CORPORATE DRIVE, SUITE 2 LEXINGTON, KENTUCKY 40503</s-ford@iplaw1.net 	sent via l	JS Mail.			
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1:	PATA e sent to provided { } }	(859)252-0779 the e-mail address first; if that is ; if that is unsuccessful, it will be 359-252-0889 <s-ford@iplaw1.net =ORD GLOBAL TECHNOLOGIES, B00 CORPORATE DRIVE, SUITE 2 _EXINGTON, KENTUCKY 40503 83715747</s-ford@iplaw1.net 	sent via l	JS Mail.			
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER:	PATA e sent to provided { } }	(859)252-0779 the e-mail address first; if that is ; if that is unsuccessful, it will be 359-252-0889 <s-ford@iplaw1.net FORD GLOBAL TECHNOLOGIES, 300 CORPORATE DRIVE, SUITE 2 LEXINGTON, KENTUCKY 40503 83715747 WARREN D. SCHICKLI</s-ford@iplaw1.net 	sent via l	JS Mail.			

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Attorney Docket Number 83715747

## 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	WIRING ATTACHMENT ASSEMBLY AND WIRING SYSTEM FOR A MOTOR VEHICLE				
This declaration is directed to:					
United United	ttached application, or d States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and when they become known.)				
The above-identified app	plication was made or authorized to be made by me.				
I hereby state that I ha including the claims.	we reviewed and understand the contents of the specification in the above-identified application,				
I believe that I am the or	riginal inventor or an original joint inventor of a claimed invention in the application.				
continuation-in-part ap	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for plications, material information which became available between the filing date of the prior onal 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 fo of the ASSIGNEE, its s for the inventions and d name or names, or in m insert the serial/applica <u>15/290,514</u> ASSIGNEE, its success applications, in and to t including all application reexaminations and reise					
including applications f organizations, and to pe	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental erform 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 a	and warrant that I have not granted any rights inconsistent with the rights granted herein.				
	hat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years or both.				
LEGAL NAME OF INV					
Inventor: <u>Vincent</u>	<u>John Buttimer</u> Date: <u>10/7/16</u>				
Signature:	1/sure				
<i>v</i>	<u></u>				
	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.				

PATENT REEL: 039986 FRAME: 0880

Attorney Docket Number 83715747

#### 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 WIRING ATTACHMENT ASSEMBLY AND WIRING SYSTEM FOR A MOTOR VEHICLE

This declaration is directed to:

Ø

The attached application, or United States application or PCT international application number

filed on \_\_\_\_\_\_. (I hereby authorize the insertion of the application filing date and number into this form when they become known.)

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.

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 N/	ME OF INVENTOR			all the
Inventor:	Bryn Arthur Davies		Date:	10/10/11/2
Signature:	Bryn arthue	Davis		
Note: An A	pplication Data Sheet (PTO/SB/14 or e	quivalent), including naming	the entire inve	ntive entity, must accompany this form.
	onal declaration form for each additiona			

PATENT REEL: 039986 FRAME: 0881

Attorney Docket Number 83715747

# 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 WIRING ATTACHMENT ASSEMBLY AND WIRING SYSTEM FOR A MOTOR VEHICLE					
This declaration is directed to:					
The attached application, or United States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and number into this form when they become known.)					
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. <u>15/290,514</u> , Filing Date <u>October 11, 2016</u> ), 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 any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations 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       Inventor:     Keith Alan Brown       Date:     10-10-16					
Signature: Ketter Color					

Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor.

#### PATENT REEL: 039986 FRAME: 0882

#### **RECORDED: 10/11/2016**