#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5394945

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SAMUEL JEFFREY TOMLINSON	02/26/2019
THOMAS EDWARD SMITH	02/26/2019
CHRISTOPHER WILLIAM COYNE	02/26/2019

#### **RECEIVING PARTY DATA**

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	800 FAIRLANE PLAZA SOUTH
Internal Address:	330 TOWN CENTER DRIVE
City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48128

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

Property Type	Number
Application Number:	16285648

#### CORRESPONDENCE DATA

Fax Number: (248)988-8363

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: 248-988-8360

Email: docket@cgolaw.com TODD W. BARRETT **Correspondent Name:** 400 WEST MAPLE ROAD Address Line 1: Address Line 2: CARLSON, GASKEY & OLDS

Address Line 4: BIRMINGHAM, MICHIGAN 48009

<b>ATTORNEY DOCKET NUMBER:</b> 84114961; 67186-752PUS1	
NAME OF SUBMITTER:	TODD W. BARRETT
SIGNATURE:	/Todd W. Barrett/
DATE SIGNED:	02/27/2019

**Total Attachments: 3** 

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Attorney Docket	84114961	

## 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)

lille of Invention	HOUSINGS
This declaration is direct	ed to:
United	tached application, or I States application or PCT international application number filed on
number into this form wh	ien they become known.)
The above-identified app	dication was made or authorized to be made by me.
I hereby state that I have 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-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 fo of the ASSIGNEE, its stor the inventions and diname or names, or in my insert the serial/applica 16/285,648  ASSIGNEE, its success applications, in and to the	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws e, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and reign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent scoveries in any and all countries, entities and intergovernmental organizations, in its or their own or name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to tion number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————
including applications for organizations, and to per	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 countries, entities and intergovernmental rform 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	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of not r	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: Samue J	effrey Tomlinson Date: 2 - 24 - 2019
Signature:	al juk
	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 84114961; 67186-752PUST

# 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)

This declaration is directed to:  The attached application, or United States application or PCT international application number filed on
The attached application, or United States application or PCT international application number Index on
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 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 believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
\$ ************************************
3
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 attorncy to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 16/285,648 Filing Date February 26, 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
Inventor: Thomas Edward Smith Date:
Signature:
Authorities and the second and the s
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.

Attorney Docket Number 84114961; 67186-752PUST

### 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	BARRIER SEAL ASSEMBLIES FOR SEALING VEHICLE ELECTRICAL HOUSINGS	
This declaration is directed to:		
Unite	ttached application, or d States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and then they become known.)	
The above-identified ap	plication was made or authorized to be made by me.	
I hereby state that I ha including the claims.	ve reviewed and understand the contents of the specification in the above-identified application,	
I believe that I am the o	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 Delawa hereinafter referred to interest, domestic and f of the ASSIGNEE, its for the inventions and chame or names, or in rinsert, the serial/applications, its succease of the succease of the succease of the succease of the state of the	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto INOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws re, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and oreign, in and to the inventions and discoveries in the above-identified invention including the right successors, assigns or other legal representatives to make applications and to receive Letters Patent liscoveries in any and all countries, entities and intergovernmental organizations, in its or their own at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ation number and filing date of the application to receive Letters Patent herein: Serial No.  Filing Date February 26, 2019  h, and I hereby sell, assign and set over to the seors, assigns or other legal representatives, all rights of priority, including any provisional he inventions and discoveries in any and all countries, entities and intergovernmental organizations one claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, sue applications.	
And I hereby agree for including applications organizations, and to p	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	and warrant that I have not granted any rights inconsistent with the rights granted herein.	
I hereby acknowledge to imprisonment of not	that 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 IN	VENTOR	
Inventor: Christon	Sher William Coyne Date: 17615-26, 2617	
Signature		
	ata Sheet (PTO/SR/14 or equivalent), including naming the entire inventive entity, must accompany this form.	
	ion form for each additional inventor.	

PATENT REEL: 048449 FRAME: 0215

**RECORDED: 02/27/2019**