PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRUNO ALVES	01/09/2018

RECEIVING PARTY DATA

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	330 TOWN CENTER DRIVE
Internal Address:	SUITE 800
City:	DEARBORN
State/Country:	MICHIGAN
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15866391

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ATTORNEY DOCKET NUMBER:	83905631	
NAME OF SUBMITTER:	LEZLEE EDDY	
SIGNATURE:	/lezlee eddy/	
DATE SIGNED:	07/09/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 1

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PATENT REEL: 046507 FRAME: 0873

Attorney Docket Number	83905631

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)

THE OF INVENTION	PLASTIC
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.)
number into this form w	rhen they become known.)
The above-identified ap	plication 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 o	riginal inventor or an original joint inventor of a claimed invention in the application.
for continuation-in-part	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including applications, material information which became available between the filing date of the prior and or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECH laws of the State of D Michigan, hereinafter re- title and interest, dome including the right of fl receive Letters Patent organizations, in its or ASSIGNEE or ASSIGN Letters Patent herein: hereby sell, assign and priority, including any pand intergovernmental	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto 4NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the relaware, having its principal place of business at Dearborn, County of Wayne, and State of referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, estic and foreign, in and to the inventions and discoveries in the above-identified invention are ASSIGNEE, its successors, assigns or other legal representatives to make applications and to for the inventions and discoveries in any and all countries, entities and intergovernmental their own name or names, or in my name, at its or their election (and I hereby authorize the IEE's attorney to insert the serial/application number and filing date of the application to receive Serial No. Filing Date Provisional applications, in and to the inventions and discoveries in any and all countries, entities organizations including all applications claiming benefit of the filing date hereof, continuations, visionals, reexaminations and reissue applications.
including applications forganizations, and to	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 perform any and all acts which the ASSIGNEE, its successors, assigns or other legal m 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 to fine or imprisonment of LEGAL NAME OF IN	hat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by not more than five (5) years or both.
Inventor: Bruno A	
	on form for each additional inventor.

PATENT REEL: 046507 FRAME: 0874

RECORDED: 07/09/2018