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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ERICK MICHAEL LAVOIE	03/24/2015
DARREL ALAN RECKER	03/25/2015
MICHAEL RICHARD JOHNSON	03/25/2015

RECEIVING PARTY DATA

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	330 TOWN CENTER DRIVE
Internal Address:	FAIRLANE PLAZA SOUTH, SUITE 800
City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48126

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15595038

CORRESPONDENCE DATA

Fax Number: (616)957-8196

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Correspondent Name: KEVIN T. GRZELAK/PRICE HENEVELD LLP

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Address Line 4: GRAND RAPIDS, MICHIGAN 49501-2567

ATTORNEY DOCKET NUMBER:	83824900
NAME OF SUBMITTER: KEVIN T. GRZELAK	
SIGNATURE:	/Kevin T. Grzelak/
DATE SIGNED:	05/15/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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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)

Title of Invention	HANDWHEEL OBSTRUCTION DETECTION AND INERTIA COMPENSATION	
This declaration is direc	(6) 10:	
🔲 Unite	tached application, or I States application or PCT international application number filed on	
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 or	iginal 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 of names, or many 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. ———————————————————————————————————		
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 INV	ENTOR	
Inventor: <u>Enck Mi</u>	chael Lavoie 7/39/265	
Signature:		
Nose: An Application Det	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	

umber 83480247

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 Invent	ion	HANDWHEEL OBSTRUCTION DETECTION AND INERTIA COMPENSATION
This declaration	is direc	cted to:
	Unite	attached application, or ed States application or PCT international application numberfiled on
The above-identi	fied ap	oplication was made or authorized to be made by me.
I hereby state th including the class	at I ba ims.	ave reviewed and understand the contents of the specification in the above-identified application,
I believe that I ar	n the o	oxiginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-p	oart ap	to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for optications, material information which became available between the filing date of the prior ional or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of I hereinafter referi interest, domestic of the ASSIGNE for the invention name or names, of insert the serial ASSIGNEE, its applications, in a	TECI Delawa red to c and f IE, its s and c or in n /applic succe and to t splicate	yment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto HNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws tre, 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 foreign, 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 discoveries in any and all countries, entities and intergovernmental organizations, in its or their own many name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to cation number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
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 rep	resent	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 Inventor: D		VENTOR Um Recker Date: 3/25/20/5
Signature:	W. 617.	1042
Note: An Applica Use an additional (ition Da Icclarat	ata Sheet (PTO/SB/)4 or equivalent), including naming the entire inventive entity, must accompany this form, ion form for each additional inventor.

RECORDED: 05/15/2017

Attorney Docket Number	83480247

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	HANDWHEEL OBSTRUCTION DETECTION AND INERTIA COMPENSATION	
This declaration is directed to:		
United	ttached application, or I States application or PCT international application number filed on	
The above-identified app	plication was made or authorized to be made by me.	
I hereby state that I has including the claims.	ve 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 app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for blications, 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 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 ASSIGNEE, its succes applications, in and to t including all application reexaminations and reise And I hereby agree for	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 iscoveries in any and all countries, entities and intergovernmental organizations, in its or their own y name, 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. ———————————————————————————————————	
may deem necessary to	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.	
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 IN		
	Richard Johnson Date: 2/62/17	
Signature:		
	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.	