504489410 08/04/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15469270

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NAME OF SUBMITTER:	JAMES P. MURAFF
SIGNATURE:	/JAMES P. MURAFF/
DATE SIGNED:	08/04/2017

Total Attachments: 2

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PATENT REEL: 043200 FRAME: 0072

EPAS ID: PAT4536112

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Attorney Docket Number	83791849	(026780.	.8670)

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	CONDENSATION DETECTION FOR VEHICLE SURFACES VIA LIGHT
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This declaration is direct	red to:
United	tached application, or I 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	ome known.)
The above-identified app	olication was made or authorized to be made by me.
I hereby state that I had 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.
continuation-in-part app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for oblications, 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 for the ASSIGNEE, its store the inventions and domestic the serial/applications, in and to the including all applications 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 discoveries in any and all countries, entities and intergovernmental organizations, in its or their own yname, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to attorn number and filing date of the application to receive Letters Patent herein: Serial No., Filing Date ———————————————————————————————————
organizations, and to pe 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 warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of not	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 IN	VENTOR
Inventor: Reid Wil	liam Kaufman Worthen Date: 8/22/17
Signature:	
Note: An Application Da	tta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 043200 FRAME: 0073

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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)

litle of Invention	CONDENSATION DETECTION FOR VEHICLE SURFACES VIA LIGHT
The declaration is done	led to
Distance has they been	Cached application, or I States application or PCT international application number Clied on —— (I benefity authorize the invention of the application filing date and number into 1804 known.)
The above described age	theation was made or authorized to be made by me
I hereby state that I have been display the classification	re reviewed and understand the contents of the specification in the above-identified application.
Pathore that I am the or	gual inventor or an original joint inventor of a claimed invention in the application
	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for teatrons, material information which became available between the filling date of the prior as or PCT international filling date of the continuation-in-part application.
of the Subsort Description of the ASSIONER of the Subsort Office o	serial agreement beneation (nade or by contractual obligation, I do sell, assign and set over one of Copies, LLC a Ford Motor Company subsidiary, organized and existing by virtue of the laws flexible of principal place of business at Dearborn, County of Wayne, and State of Michigan the ASSIGNEL or successor, assigns or other legal representatives, the entire right, title and age, an end to the investions and discoveries in the above identified invention including the right countries are successor, as an end to receive Letters Patent countries on the applications and to receive Letters Patent countries on any and all countries, entiries and intergovernmental organizations in its or their own and, a to set their election and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to a countries and titing date of the application to receive Letters Patent herein. Serial No. I tiling Date
	Swift (by bein, successors, assigns or other legal representatives to execute any and all papers. Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental arm any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives are thereto the right berein sold assigned and set over.
And I hereby represent ass	I warrant that I have not granted any rights inconsistent with the rights granted herein.
	any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine re than five (5) years or both
LEGAL NAME OF DAYS Inventor YESTILL	NION - 10/1/
Signature <u>UUC</u>	
Note: An Application Data 5 segrendelitional declaration	here (PTC) (AV) is an expression of coulog manage the order inventive critics, man accompany this form.

PATENT REEL: 043200 FRAME: 0074 RECORDED: 08/04/2017