# 504693536 12/18/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4740258

12/12/2017

12/12/2017

12/14/2017

12/14/2017

NEW ASSIGNMENT	
ASSIGNMENT	
Name	Execution Date
-	ASSIGNMENT

YI-HSIN YEN SYED K. ALI

ANDRE SYKULA

VENKATESH KRISHNAN

## **RECEIVING PARTY DATA**

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

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15846000

## CORRESPONDENCE DATA

Fax Number:

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:	313-528-4882
Email:	docket@b2iplaw.com
Correspondent Name:	BEJIN BIENEMAN PLC FORD GLOBAL TECHNOLOG
Address Line 1:	300 RIVER PLACE
Address Line 2:	SUITE 1650
Address Line 4:	DETROIT, MICHIGAN 48207

ATTORNEY DOCKET NUMBER:	83909893(65080-2777)
NAME OF SUBMITTER:	BRYAN T. HART
SIGNATURE:	/BRYAN T. HART/
DATE SIGNED:	12/18/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5	
source=83909893 - Signed Combined Declaration and Assignment with filing info (65080-2777) - all 5 inventors#page1.tif	
source=83909893 - Signed Combined Declaration and Assignment with filing info (65080-2777) - all 5 inventors#page2.tif	
source=83909893 - Signed Combined Declaration and Assignment with filing info (65080-2777) - all 5 inventors#page3.tif	
source=83909893 - Signed Combined Declaration and Assignment with filing info (65080-2777) - all 5 inventors#page4.tif	
source=83909893 - Signed Combined Declaration and Assignment with filing info (65080-2777) - all 5 inventors#page5.tif	

Attorney Docket Number 83909893(65080-2777)

#### 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 SENSOR ASSEMBLY WITH CLEANING SYSTEM

This declaration is directed to:

reexaminations and reissue applications.

 $\boxtimes$ 

X

The attached application, or

United States application or PCT international application number

 $\frac{15/846,000}{\text{ filed on } 12/18/2017}$  (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 virue 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>15/846,000</u>, Filing Date <u>12/18/2017</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 discoveries in any and all countries, entities and intergovernmental organizations including any provisional applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, including all applications claiming benefit of the filing date hereof.

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 NA	MEOFINVENIOR				
Inventor:	Dhaval P. Vaishnav		Date:	12/12/17	
Signature:	D. Mr. Jacob				
Note: An A	oplication Data Sheet (PTO/SB/14 or	equivalent), including	naming the entire inver	tive entity, must accompany	this form.
Hea an additi	anal declaration form for each addition	al inventor			

Attorney Docket Number 83909893(65080-2777)

#### 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 SENSOR ASSEMBLY WITH CLEANING SYSTEM

This declaration is directed to:

 $\boxtimes$ 

The attached application, or

United States application or PCT international application number

15/846,000 filed on 12/18/2017 (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 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. 15/846,000, Filing Date 12/18/2017, 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	ME OF INVENTOR				101		~
Inventor:	Yi-Hsin Yen			Dat		2/20/	<u> </u>
Signature:	The Main	Her					
		2			et former.		
Note: An A	plication Data Sheet (PTO	/SB/14 or equivalen	t), including na	ming the entire i	inventive entity,	must accompan	y this form.
Use an additi	onal declaration form for ear	ch additional invent	or.				

Please direct all correspondence to: 113140

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Attorney Docket Number 83909893(65080-2777)

## 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	SENSOR ASSEMBLY WITH CLEANING SYSTEM
This declaration is direct	ted to:
X Únite 15/84	attached application, or ed States application or PCT international application number 16,000 filed on <u>12/18/2017</u> (I hereby authorize the insertion of the application filing date and when they become known.)
The above-identified ap	plication was made or authorized to be made by me.
I hereby state that I had including the claims.	ive 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 of name or names, or in m insert the serial/applic <u>15/846,000</u> ASSIGNEE, its succe applications, in and to t including all application reexaminations and reis	
including applications to 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	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	
Inventor: <u>Sved Ka</u>	Ali Date: $\frac{12/12/17}{12}$
Signature: Signature	146
	ta 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 | 83909893(65080-2777)

## 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	SENSOR ASSEMBLY WITH CLEANING SYSTEM
This declaration is direct	ed to:
<b>X</b> United <b>15/84</b>	tached application, or I States application or PCT international application number <b>16,000</b> filed on <b>12/18/2017</b> . (I hereby authorize the insertion of the application filing date and then they become known.)
The above-identified app	lication 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 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 olications, 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 fc of the ASSIGNEE, its s for the inventions and d name or names, or in m insert the serial/applica 15/846,000 ASSIGNEE, its succes applications, in and to th	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, s 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 uccessors, 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 the number and filing date of the application to receive Letters Patent herein: Serial No
including applications for organizations, and to pe	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	and warrant that I have not granted any rights inconsistent with the rights granted herein.
	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: <u>Andre Sy</u>	
	nuia Date. <u>12-1111</u>
Signature: <u>Ta</u>	
	ta 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 83909893(65080-2777)

## 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 direct	ited to:
X Unite 15/8	ittached application, or od States application or PCT international application number 46,000 filed on <u>12/18/2017</u> (I hereby authorize the insertion of the application filing date and then they become known.)
The above-identified an	plication was made or authorized to be made by me.
I hereby state that I has including the claims.	ive reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the c	riginal inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part ar	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 TEC of the State of Delawa hereinafter referred to interest, domestic and fo of the ASSIGNEE, its for the inventions and name or names, or in the insert the serial/applic 15/846,000 ASSIGNEE, its succe applications, in and to	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 ny 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
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.
	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.
	sh Krishnat / ) Date: 12/14/17

PATENT **REEL: 044426 FRAME: 0405** 

**RECORDED: 12/18/2017** 

ماديا معجمها والمعايد المعاول والمار

بمؤافجة ومعهد وموافقتها وبالاردام والتربي