### 504544701 09/13/2017

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4591408

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
SOMAK DATTA GUPTA	08/30/2017
ADIL NIZAM SIDDIQUI	08/31/2017
MAHMOUD YOUSEF GHANNAM	08/30/2017
JONATHAN DIEDRICH	08/30/2017
CYNTHIA M. NEUBECKER	08/31/2017
BRIAN BENNIE	08/31/2017
CHERI LYN HANSEN	08/31/2017
HARON ABDEL-RAZIQ	09/05/2017

### **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:	15702667

### **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 TECHNOLOGIES, LLC

Address Line 1: 300 RIVER PLACE

Address Line 2: SUITE 1650

Address Line 4: DETROIT, MICHIGAN 48207

ATTORNEY DOCKET NUMBER:	83845126(65080-2585)
NAME OF SUBMITTER:	CHRISTOPHER M. FRANCIS
SIGNATURE:	/CHRISTOPHER M. FRANCIS/

504544701 REEL: 043571 FRAME: 0141

DATE SIGNED:	09/13/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

### **Total Attachments: 8**

source=83845126 - Signed Declaration and Assignment with filing info (65080-2585) - all 8 inventors#page1.tif source=83845126 - Signed Declaration and Assignment with filing info (65080-2585) - all 8 inventors#page2.tif source=83845126 - Signed Declaration and Assignment with filing info (65080-2585) - all 8 inventors#page3.tif source=83845126 - Signed Declaration and Assignment with filing info (65080-2585) - all 8 inventors#page5.tif source=83845126 - Signed Declaration and Assignment with filing info (65080-2585) - all 8 inventors#page6.tif source=83845126 - Signed Declaration and Assignment with filing info (65080-2585) - all 8 inventors#page7.tif source=83845126 - Signed Declaration and Assignment with filing info (65080-2585) - all 8 inventors#page7.tif source=83845126 - Signed Declaration and Assignment with filing info (65080-2585) - all 8 inventors#page8.tif

Title of Invention

This declaration is directed to:

Attorney Docket Number	83845126(65080-2585)

# 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)

**VEHICLE SENSOR SYSTEM** 

X	The attached application, or United States application or PCT international application number 15/702,667 filed on 09/12/2017. (I hereby authorize the insertion of the application filing date and
number into this	form when they become known.)
The above-identi	ified application was made or authorized to be made by me.
I hereby state th including the clai	nat I have reviewed and understand the contents of the specification in the above-identified application, ims.
I believe that I ar	m the original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-p	e duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for part applications, material information which became available between the filing date of the prior he national or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of D hereinafter referr interest, domestic of the ASSIGNE for the inventions name or names, o insert the serial 15/702,667 ASSIGNEE, its applications, in a including all ap	employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto L TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, red to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and c and foreign, in and to the inventions and discoveries in the above-identified invention including the right EE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent is and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to provide a successors, assigns or other legal representatives, all rights of priority, including any provisional and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations opplications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, and reissue applications.
And I hereby ago including applica organizations, an	tree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, ations for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives sary to secure thereto the rights herein sold, assigned and set over.
And I hereby rep	present and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of not more than five (5) years or both.
	OF INVENTOR  omak Date: 8/30/20/7
Inventor: So	omak Datta Gupta Date: 8/50/K0/f
Signature:	1 Latte grifte
Matar Am Ameline	tion Data Short (PTO/SD/IA) or continuous) including noming the unit in the unit would be sent to the
	tion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. declaration form for each additional inventor.

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Attorney Docket Number	83845176	(65080-2585)	
Automicy Docact Mannet	( OJOTULAU!	(00000-2000)	

# 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	VEHICLE SENSOR SYSTEM
This declaration is direct	ed to:
United 15/702	tached application, or a state application of PCT international application number application of the application filing date and then they become 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 objections, 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 for the inventions and di name or names, or in my insert the serial/applica 15/702,667  ASSIGNEE, its succes applications, in and to th including all application reexaminations and reiss  And I hereby agree for including applications for	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 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 attoin number and filing date of the application to receive Letters Patent herein: Serial No., Filing Date 09/12/2017  (and I hereby sell, assign and set over to the sors, assigns or other legal representatives, all rights of priority, including any provisional in inventions and discoveries in any and all countries, entities and intergovernmental organizations are claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, are applications.  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 reform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives
may deem necessary to s	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.
	nat 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 INV	
\ h	tam Siddiqui Date: 8 31 (LF
Signature:	<del>1/C v</del>
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Title of Invention

This declaration is directed to:

Attorney Docket Number 83845126(65080-2585)	
MURITEY   MICKEL (NUMBEL     0.109/31/000/31/01#//3031	

# 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)

**VEHICLE SENSOR SYSTEM** 

number into this	The attached application, or United States application or PCT international application number  15/702,667 filed on 09/12/2017. (I hereby authorize the insertion of the application filing date and form when they become known.)
· · ·	
The above-ident	filed application was made or authorized to be made by me.
I hereby state the including the cla	nate I have reviewed and understand the contents of the specification in the above-identified application; ims.
I believe that I a	m the original inventor or an original joint inventor of a claimed invention in the application,
continuation-in-	e duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for part applications, material information which became available between the filing date of the prior the national or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of I hereinafter refer interest, domesti of the ASSIGNE for the invention name or names, insert the serial 15/702.667 ASSIGNEE, its applications, in a including all ap	employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, red to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and c and foreign, in and to the inventions and discoveries in the above-identified invention including the right experience in any and all countries, entities and intergovernmental organizations, in its or their own or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to application number and filing date of the application to receive Letters Patent herein: Serial No., Filing Date 09/12/2017  j. and I hereby sell, assign and set over to the successors, assigns or other legal representatives, all rights of priority, including any provisional and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations oplications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, and reissue applications.
including applications, ar	tree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, attions for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives sary 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.
or imprisonment	riedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of not more than five (5) years or both.
	OF INVENTOR
Inventor:	Ashmoud Yousef Ghannam Date: 3/3/7
Signature:	MATIC -
Note: An Applica Use an additional	tion Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. declaration form for each additional inventor.

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Attorney Docket Number	83845126(65080-2585)
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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)

ine or myemion	VEHICLE SENSOR STSTEM			
This declaration is directed to:				
\times \text{United} 15/702	ached application, or  States application or PCT international application number  4,667 filed on 09/12/2017. (I hereby authorize the insertion of the application filing date and			
number into this form wh	en they become known.)			
The above-identified app	lication was made or authorized to be made by me.			
I hereby state that I hav including the claims.	e reviewed and understand the contents of the specification in the above-identified application,			
I believe that I am the ori	ginal 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 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. 15/702,667 ———————————————————————————————————				
including applications fo organizations, and to per	nyself, my heirs, successors, assigns or other legal representatives to execute any and all papers, r Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ecure thereto the rights herein sold, assigned and set over.			
And I hereby represent ar	nd warrant that I have not granted any rights inconsistent with the rights granted herein.			
or imprisonment of not m	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine tore than five (5) years or both.			
LEGAL NAME OF INV				
Inventor: <u>Jonathan</u>	Diedrich Date: 0-2017			
Signature:	<u> CECC</u>			
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.			

Title of Invention

Attorney Docket Number	83845126(65080-2585)

## 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)

VEHICLE SENSOR SYSTEM

This declaration is directed to:
The attached application, or United States application or PCT international application number  15/702,667 filed on 09/12/2017. (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 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. 15/702,667
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: Cynthi.a M. Neubecker Date: 8/3// ゆパブ
Inventor: Cynthi a M. Neubecker Date: 8/3// 6/ (
Signature.
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	83845126(65080-2585)	

# 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	VEHICLE SENSOR SYSTEM					
This declaration is directed to:						
The attached application, or United States application or PCT international application number  15/702,667 filed on 09/12/2017. (I hereby authorize the insertion of the application filing date and number into this form when they become known.)						
The above-identified appl	ication was made or authorized to be made by me.					
I hereby state that I have including the claims.	e reviewed and understand the contents of the specification in the above-identified application,					
I believe that I am the orig	ginal inventor or an original joint inventor of a claimed invention in the application.					
continuation-in-part appl	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.					
FORD GLOBAL TECHN of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and dis name or names, or in my insert the serial/applications, its successe applications, in and to the	ent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto IOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and eign, in and to the inventions and discoveries in the above-identified invention including the right coessors, assigns or other legal representatives to make applications and to receive Letters Patent coveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ion number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————					
including applications for organizations, and to perf	syself, my heirs, 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 form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives cure thereto the rights herein sold, assigned and set over.					
And I hereby represent an	d warrant that I have not granted any rights inconsistent with the rights granted herein.					
or imprisonment of not m	it any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine ore than five (5) years or both.					
LEGAL NAME OF INVE	X 1 & 1 1 1 7					
Inventor: Brian Be	nnie Date:					
Signature:						
Note: An Application Date	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.					
	solven (r 10/35/14 of equivalent), including framing the entile inventive entity, must accompany this form.					

Attorney Docket	Number	83845126(65080-2585)	

# 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	VERICLE SENSOR STSTEW				
This declaration is directed to:					
\times \tag{\text{United}} \tag{15/702,}	The attached application, or  United States application or PCT international application number  15/702,667 filed on 09/12/2017. (I hereby authorize the insertion of the application filing date and number into this form when 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.	e reviewed and understand the contents of the specification in the above-identified application,				
I believe that I am the ori	ginal inventor or an original joint inventor of a claimed invention in the application.				
continuation-in-part app	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 attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 15/702,667  Filing Date 09/12/2017  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 a	nd warrant that I have not granted any rights inconsistent with the rights granted herein.				
or imprisonment of not m	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine sore than five (5) years or both.				
LEGAL NAME OF INV					
(V)	n Hansen Date: 8/01/11				
Signature: LAU					
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.  In form for each additional inventor.				

Title of Invention

RECORDED: 09/13/2017

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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)

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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 attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 15/702,667 , Filing Date 09/12/2017 ), 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 NAME OF INVENTOR Inventor: Haron Abdel-raziq Date: 09/05/2017			
Inventor: Haron Abdel-raziq Date:			
Signature:			
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.			