#### 503093135 12/09/2014

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3139741

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HAMID-REZA OSSAREH	12/01/2014
ADAM NATHAN BANKER	12/01/2014
BAITAO XIAO	12/01/2014

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State/Country:	MICHIGAN
Postal Code:	48126

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14565150

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	83487186
NAME OF SUBMITTER:	JIBEK ENABNIT
SIGNATURE:	/Jibek Enabnit/
DATE SIGNED:	12/09/2014

#### **Total Attachments: 3**

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PATENT 503093135 REEL: 034442 FRAME: 0974

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Attorney Docket Number	83487186

# 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	DIAGNOSTIC METHOD FO	OR A COMPRE VALVE	SSOR RECIRCULATION
This declaration	is directe	ed to:		
	United	ached application, or States application or PCT international a	pplication number	<u>-</u>
The above-identi	fied app	lication was made or authorized to be ma	de by me.	
I hereby state th including the clai	at I hav ms.	e reviewed and understand the contents	of the specification	in the above-identified application,
I believe that I an	1 the ori	ginal inventor or an original joint invento	r of a claimed invent	ion in the application.
continuation-in-p	art appl	disclose information which is material to lications, material information which to late of the late of	oecame available be	etween the filing date of the prior
of the State of E hereinafter referrinterest, domestic of the ASSIGNE for the inventions name or names, consert the serial 14/565, 15 ASSIGNEE, its applications, in a	TECHN delaware ed to as and for E, its su and dis or in my applicat  success and to the oblication	nent agreement heretofore made or by colocomes, LLC, a Ford Motor Compar, having its principal place of business the ASSIGNEE, its successors, assigns eign, in and to the inventions and discovecessors, assigns or other legal represent acoveries in any and all countries, entities name, at its or their election (and I here ion number and filing date of the appropriate processors, assigns or other legal representate inventions and discoveries in any and as claiming benefit of the filing date is eapplications.	ty subsidiary, organizat Dearborn, County or other legal representes in the above-iduatives to make application to receive 2014, and I hetives, all rights of all countries, entities	zed and existing by virtue of the laws y of Wayne, and State of Michigan, esentatives, the entire right, title and lentified invention including the right ications and to receive Letters Patent ntal organizations, in its or their own SIGNEE or ASSIGNEE's attorney to be Letters Patent herein: Serial Note the priority, including any provisional and intergovernmental organizations
organizations, an	tions for I to perf	nyself, my heirs, successors, assigns or of Letters Patent of any and all kinds and form any and all acts which the ASSIGN cure thereto the rights herein sold, assign	I in any and all count VEE, its successors, a	itries, entities and intergovernmental
And I hereby repr	esent an	d warrant that I have not granted any righ	its inconsistent with	the rights granted herein.
or imprisonment	of not m	t any willful false statement made in thi ore than five (5) years or both.	s declaration is puni	shable under 18 U.S.C. 1001 by fine
LEGAL NAME (				1001000
Inventor: H	ımid-Re	za Ossareh	Date:	12/01/2014
Signature:				,
Note: An Applicat	on Data	Sheet (PTO/SB/14 or equivalent), including	naming the entire invo	entive entity, must accompany this form.

PATENT REEL: 034442 FRAME: 0975

Attorney Docket Number	83487186

### 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	DIAGNOSTIC METHOD FOR A COMPRESSOR RECIRCULATION VALVE
This declaration is direct	red to:
	tached application, or  1 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.	we 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 for of the ASSIGNEE, its sfor the inventions and drame or names, or in minsert the serial/application and to the serial serial applications, in and to the including all application reexaminations and reiss.  And I hereby agree for including applications for organizations, and to pe	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, sthe ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and breign, 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 is coveries 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 toton number and filing date of the application to receive Letters Patent herein: Serial No.  —, Filing Date December 9, 2014  —), and I hereby sell, assign and set over to the sors, assigns or other legal representatives, all rights of priority, including any provisional ne inventions and discoveries in any and all countries, entities and intergovernmental organizations in claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, the 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 arform 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	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of not r	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	
	hthan Banker Date: December 1, 2014
Signature: <u>Man</u>	Banker
NT-4 A A1'4' T	Chart (DTO/CD/14 and anticology) in the line and in the distribution of the distributi
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 034442 FRAME: 0976

**RECORDED: 12/09/2014** 

Attorney Docket Number	83487186	****

## 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	DIAGNOSTIC METHOD FOR A COMPRESSOR RECIRCULATION VALVE
This declaration is direct	
United	tached application, or I States application or PCT international application numberfiled on
The above-identified app	olication was made or authorized to be made by me.
I hereby state that I have including the claims.	we 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 discarions, material information which became available between the filing date of the prior nal or PCT international filing date of the continuation-in-part application.
for GLOBAL TECH of the State of Delawar hereinafter referred to a interest, domestic and fo of the ASSIGNEE, its sifer the inventions and diname or names, or in my insert the serial/applica 14/565, 150  ASSIGNEE, its successapplications, in and to the	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 reign, 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 of name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to the tion number and filing date of the application to receive Letters Patent herein: Serial No.  ———————————————————————————————————
including applications for organizations, and to per	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 ecure 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 n	at 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>Baitao X</u>	k = k + k + k + k + k + k + k + k + k +
Signature: Banao S	Date: Dec (A COLY
Note: An Application Data Use an additional declaration	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.

PATENT REEL: 034442 FRAME: 0977