### 503016445 10/13/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3063046

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
GREGORY PATRICK MCCONVILLE	10/01/2014
BRAD ALAN BOYER	10/02/2014
JAMES DOUGLAS ERVIN	10/02/2014
KIM HWE KU	09/25/2014

#### **RECEIVING PARTY DATA**

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Internal Address:	330 TOWN CENTER DRIVE	
City:	DEARBORN	
State/Country:	MICHIGAN	
Postal Code:	48126	

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

Property Type	Number	
Application Number:	14512902	

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	83470924
NAME OF SUBMITTER:	JIBEK ENABNIT
SIGNATURE:	/Jibek Enabnit/
DATE SIGNED:	10/13/2014

### **Total Attachments: 4**

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Attorney Docket Number	83470924	

# 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 Inventi-	0 <b>n</b>	METHOD FOR CONTROLLING TRANSITIONS IN A VARIABLE	
		DISPLACEMENT ENGINE	
This declaration is	sairec	ted to:	
The attached application, or United States application or PCT international application number filed on			
The above-identif	ied ap	olication was made or authorized to be made by me.	
I hereby state the including the claim		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-p	art ap	to 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 of the State of D hereinafter referrinterest, domestic of the ASSIGNE for the inventions name or names, dinsert the serial 14/512, 90 ASSIGNEE, its applications, in a including all appreexaminations as	TECH selawared to a and for and dor in ma applied 2		
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			
Inventor: <u>G</u>	regory	Tamek weconvine	
Signature:	24	regor / Malak	
Maine An Amelian	sion De	tta Sheet (PTO/S8/14 or equivalent), including naming the entire inventive entity, must accompany this form.	
Hee an additional of	ann Di Seclarat	ion form for each additional inventor.	

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Attorney Docket Number	83470924	4	

## 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	METHOD FOR CONTROLLING TRANS	
This declaration	in direct	DISPLACEMENT EN	(31/1)
THIS GCCIMI MOON	is unce	Ed to.	
	United	tached application, or I States application or PCT international application number filed on	
The above-identi	fied app	olication was made or authorized to be made by me.	
I hereby state the including the claim		ve reviewed and understand the contents of the specificatio	n in the above-identified application,
I believe that I ar	n the or	iginal inventor or an original joint inventor of a claimed inven	ntion in the application.
continuation-in-p	art app	o disclose information which is material to patentability as de dications, material information which became available be nal or PCT international filing date of the continuation-in-par-	setween the filing date of the prior
FORD GLOBAL of the State of I hereinafter refers interest, domestic of the ASSIGNE for the invention name or names, insert the serial 14/512,90 ASSIGNEE, its applications, in a	TECH Delaward to a cand for E, its so and di or in my applica 2 successed to the plication	ment agreement heretofore made or by contractual obligation NOLOGIES, LLC, a Ford Motor Company subsidiary, organie, having its principal place of business at Dearborn, Counts the ASSIGNEE, its successors, assigns or other legal representatives, assigns or other legal representatives to make applications in any and all countries, entities and intergovernment of the application to receive the property of the pro	ized and existing by virtue of the laws ty of Wayne, and State of Michigan, resentatives, the entire right, title and dentified invention including the right dications and to receive Letters Patent ental organizations, in its or their own SSIGNEE or ASSIGNEE's attorney to we Letters Patent herein: Serial No. hereby sell, assign and set over to the priority, including any provisional and intergovernmental organizations
including applica organizations, an	ations fo id to per	myself, my heirs, successors, assigns or other legal represent or Letters Patent of any and all kinds and in any and all courform any and all acts which the ASSIGNEE, its successors, accure thereto the rights herein sold, assigned and set over.	untries, entities and intergovernmental
And I hereby rep	resent a	nd warrant that I have not granted any rights inconsistent with	h the rights granted herein.
		nat any willful false statement made in this declaration is pur nore than five (5) years or both.	nishable under 18 U.S.C. 1001 by fine
LEGAL NAME		'ENTOR	1222
		n Boyer Date:	: 10/2/2014
Signature:	1/2	1 Un Br	
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Note: An Applica Use an additional of	tion Dat leclaratio	a Sheet (PTO/SB/14 or equivalent), including naming the entire in on form for each additional inventor.	ventive entity, must accompany uns form.

Attorney Docket Number	83470924

## 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	METHOD FOR CONTROLLING TRANSITIONS IN A VARIABLE DISPLACEMENT ENGINE		
This declaration is direc	This declaration is directed to:		
The attached application, or United 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	riginal 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. $14/512,902$ , Filing Date October $13,2014$ ), 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 IN			
	ouglas Ervin Date: 10/2/14		
Signature:	and Control of the Co		
	ta 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.

## Please direct all correspondence to customer number: 36865

**RECORDED: 10/13/2014** 

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Attorney Docket Number	83470924	
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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	METHOD FOR CONTROLLING TRANSITIONS IN A VARIABLE DISPLACEMENT ENGINE
This declaration is directed to:	
	attached application, or ed States application or PCT international application number filed on
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. 14/512,902 , Filing Date October 13,2014 ), 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 IN Inventor: <u>Kim He</u>	
Signature:	indrille
Signific.	
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.	