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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSEPH NORMAN ULREY	02/03/2016
PAUL M. LAING	02/04/2016
MICHAEL JAMES UHRICH	02/03/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15041689

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ATTORNEY DOCKET NUMBER:	83616171
NAME OF SUBMITTER:	JIBEK ENABNIT
SIGNATURE:	/Jibek Enabnit/
DATE SIGNED:	02/11/2016

Total Attachments: 3

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Attorney Docket Number	1 83616171	F
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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 AND SYSTEM FOR REDUCING PARTICULATE	
This declaration is directed	EMISSIONS
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	tached application, or
∐ United	States application or PCT international application number
- 	filed on
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 appl	disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for lications, material information which became available between the filing date of the prior hal or PCT international filing date of the continuation-in-part application.
of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its suffor the inventions and disname or names, or in my insert the serial/application applications, in and to the including all applications reexaminations and reissuressure.	
including applications for organizations, and to perfinal may deem necessary to see	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.
	d warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknowledge tha	t any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine
or imprisonment of not mo	ore than five (5) years or both.
LEGAL NAME OF INVE Inventor: <u>Joseph</u> Nor	
Signature: Absepti Not	Date: 5 10 - 20 1-6
Note: An Application Data: Use an additional declaration	Sheet (PTO/SB/14 of equivalent), including naming the entire inventive entity, must accompany this form, form for each additional inventor,

Please direct all correspondence to customer number: 36865

Attorney Docket Number	83616171	

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	on	METHOD AND SYSTEM FOR REDUCING PARTICULATE
	1.	EMISSIONS
This declaration i	s airec	ted to:
	Unite	ttached application, or d States application or PCT international application number filed on
The above-identi	fied ap	plication was made or authorized to be made by me.
I hereby state the including the claim		ive reviewed and understand the contents of the specification in the above-identified application,
I believe that I an	n the o	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.		
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. 15/041, 689, Filing Date February 11, 2016, 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 representat		
And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.		
		that 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: 25 CA 25 C
Inventor: P	aul M	Laing Date: 2-9-2016
Signature:	Lan	In Lain
		A A CONTRACTOR OF THE CONTRACT
Note: An Applica	ition Da	ata Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

RECORDED: 02/11/2016

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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 invention	EMISSIONS
This declaration is di	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
☐ Un	e attached application, or sited 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 including the claims.	have reviewed and understand the contents of the specification in the above-identified application,
I believe that I am the	e original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-part	ty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for applications, material information which became available between the filing date of the prior ational or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TE of the State of Delay hereinafter referred to interest, domestic and of the ASSIGNEE, it for the inventions and name or names, or in insert the serial/app 15/041,68 ASSIGNEE, its sucapplications, in and to	loyment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto CHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws ware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, o as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and d foreign, in and to the inventions and discoveries in the above-identified invention including the right is successors, assigns or other legal representatives to make applications and to receive Letters Patent d discoveries in any and all countries, entities and intergovernmental organizations, in its or their own my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to lication number and filing date of the application to receive Letters Patent herein: Serial No. 9 , Filing Date February 11, 2016), and I hereby sell, assign and set over to the cessors, assigns or other legal representatives, all rights of priority, including any provisional of the inventions and discoveries in any and all countries, entities and intergovernmental organizations ations claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, eissue applications.
including application organizations, and to	for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, s for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives to secure thereto the rights herein sold, assigned and set over.
And I hereby represe	nt and warrant that I have not granted any rights inconsistent with the rights granted herein.
or imprisonment of n	e that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of more than five (5) years or both.
LEGAL NAME OF I Inventor: Miche	NVENTOR sel James Ubrich / / Date: 2/3//6
Signature: 7	444
Name And South Charles	
Now. As Appacation Use an additional declar	Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, ration form for each additional inventor.