#### 505910702 02/11/2020

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5957419

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SUMANTH REDDY DADAM	01/18/2020
ROBERT ROY JENTZ	01/24/2020
SANYAM SHARMA	01/27/2020
SITARAM REJETI	02/03/2020

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City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48126

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

Property Type	Number
Application Number:	16787616

#### **CORRESPONDENCE DATA**

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Email: mcnett@mccrus.com **Correspondent Name:** MCCOY RUSSELL LLP

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ATTORNEY DOCKET NUMBER:	84226171
NAME OF SUBMITTER:	LUKAS MCNETT
SIGNATURE:	/Lukas McNett/
DATE SIGNED:	02/11/2020

**Total Attachments: 4** 

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**PATENT REEL: 051785 FRAME: 0704** 

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line of invention	EXHAUST GAS HEAT RECOVERY DEVICE SYSTEM AND METHOD
This declaration is direct	ed to:
☐ United	tached application, or States application or PCT international application number
number mio una form wi	ion they become known.)
The above-identified app	dication was made or authorized to be made by me.
I hereby state that I have including the claims.	re 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 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 dname or names, or in minsert the serial/applications of the ASSIGNEE, its successional applications of and to the serial of the serial applications of and to the serial of the serial applications of and to the serial of the serial of the serial applications of and to the serial of	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 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 by name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to attorn number and filing date of the application to receive Letters Patent herein. Serial No.  ———————————————————————————————————
including applications for particular to perform the performance of th	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.
I hereby acknowledge t	hat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine
LEGAL NAME OF IN	more than five (5) years or both.  VENTOR  Date: 0//8/2020
	Reddy Dadam Date: 0//8/2020
$I = -\infty$	
Signature: V	<del>Y A'</del>
Note: An Application De	ha Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, ion form for each additional inventor.

Against the TN and ag NT and the	0.4007.171
Attorney Docket Number	84226171
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Title of Invention	EXHAUST GAS HEAT RECOVERY DEVICE SYSTEM AND METHOD						
This declaration is directed to:							
United United	The attached application, or United States application or PCT international application number filed on (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 hav including the claims.	re 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	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 nal or PCT international filing date of the continuation-in-part application.						
FORD GLOBAL TECHI of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its so for the inventions and di name or names, or in my insert the serial/applicat 16/787,616  ASSIGNEE, its success applications, in and to th	nent 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 reign, in and to the inventions and discoveries in the above-identified invention including the right accessors, assigns or other legal representatives to make applications and to receive Letters Patent scoveries in any and all countries, entities and intergovernmental organizations, in its or their own manner, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to the interpretation 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 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 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 INV							
Inventor: Robert Ro	Date: 24 Jan 2020						
Signature: 161	rt W. And						
	a 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 84226171		
Treedine J D d d l d l d l d l d l d l d l d l d l	Attorney Docket Number	84226171

Title of Invention	EXHAUST GAS HEAT RECOVERY DEVICE SYSTEM AND METHOD						
This declaration is directed	This declaration is directed to:						
<u></u>	ached application, or States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and						
number into this form wh							
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	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.						
FORD GLOBAL TECHI 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/applicated 16/787,616  ASSIGNEE, its success applications, in and to the including all application reexaminations and reissues.							
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.							
	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	ENTOR						
Inventor: Sanyam S	01 / 2						
Signature: <u>Soo</u>	tam Sharma						
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.						

Attorney Docket Number	84226171

Title of Invention	EXHAUST GAS HEAT RECOVERY DEVICE SYSTEM AND METHOD
This declaration is directed to:	
The attached 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 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 beretofore 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. 16/787,616	
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 INV	
Inventor: Sitaram R	ejeti Date: 2/3/2020
Signature:	
	s Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.

PATENT
RECORDED: 02/11/2020 REEL: 051785 FRAME: 0709