PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6601849

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SITARAM REJETI	02/23/2021
SUMANTH REDDY DADAM	02/23/2021
EDWARD DOEMER	02/23/2021
ROBERT JENTZ	02/26/2021
DAVE HAGNER	02/23/2021

RECEIVING PARTY DATA

Name:	FORD GLOBAL TECHNOLOGIES, LLC
Street Address:	FAIRLANE PLAZA SOUTH, SUITE 800
Internal Address:	330 TOWN CENTER DRIVE
City:	DEARBORN
State/Country:	MICHIGAN
Postal Code:	48126

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17202129

CORRESPONDENCE DATA

Fax Number: (971)271-8021

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: 9712718020 Email: finley@mccrus.com

Correspondent Name: MCCOY RUSSELL LLP

Address Line 1: 1410 NW JOHNSON ST. SUITE 201

Address Line 4: PORTLAND, OREGON 97209

ATTORNEY DOCKET NUMBER: 84347772

NAME OF SUBMITTER: DAWSON FINLEY

SIGNATURE: /Dawson Finley/

DATE SIGNED: 03/15/2021

Total Attachments: 5

PATENT REEL: 055597 FRAME: 0177

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PATENT REEL: 055597 FRAME: 0178

Attorney Docket Number	84347772

Title of Invention	METHODS AND SYSTEMS FOR EGR SYSTEM
This declaration is directed	ed to:
	ached application, or States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and then they become known.)
The above-identified appl	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.
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 nal 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. 17/202,129, Filing DateMarch 15, 2021), 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 ar	nd 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 nore than five (5) years or both.
LEGAL NAME OF INVI	2/23/2012
Signature: Stata III	prof.
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. n form for each additional inventor.

PATENT

REEL: 055597 FRAME: 0179

Attorney Docket Number	84347772

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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.		
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/applicat 17/202,129 ASSIGNEE, its success applications, in and to the including all application reexaminations and reissu		
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 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 nore than five (5) years or both.	
LEGAL NAME OF INV	00/00/0001	
Inventor: Sumanth I Signature:	Date: 02/23/2021	
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.	

PATENT REEL: 055597 FRAME: 0180

Attorney Docket Number	84347772

Title of Invention	METHODS AND SYSTEMS FOR EGR SYSTEM	
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	tached application, or I States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date then they become known.)	e and
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I believe that I am the original	iginal inventor or an original joint inventor of a claimed invention in the application.	
continuation-in-part appl	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including objections, material information which became available between the filing date of the nal 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 disname or names, or in my insert the serial/applicat 17/202,129 ASSIGNEE, its success applications, in and to the including all application reexaminations and reissue. And I hereby agree for metallic and the state of the serial applications.	ment agreement heretofore made or by contractual obligation, I do sell, assign and set over NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the e, having its principal place of business at Dearborn, County of Wayne, and State of Mich is the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title reign, in and to the inventions and discoveries in the above-identified invention including the accessors, assigns or other legal representatives to make applications and to receive Letters Fascoveries in any and all countries, entities and intergovernmental organizations, in its or their variance, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attornation number and filing date of the application to receive Letters Patent herein: Serial Filing Date March 15, 2021, and I hereby sell, assign and set over the sors, assigns or other legal representatives, all rights of priority, including any provise inventions and discoveries in any and all countries, entities and intergovernmental organizations claiming benefit of the filing date hereof, continuations, continuations-in-part, division under the processor of the processor of the regal representatives to execute any and all patent patents of any and all kinds and in any and all countries, entities and intergovernmental organizations.	e laws higan, e and e right Patent r own ney to l No. to the sional ations onals,
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.		
•	nat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by more than five (5) years or both.	y fine
LEGAL NAME OF INVI	.7/.7.5/.7/1	
Inventor: Edward D	Doemer Date: 2/23/2021	
Signature: /Edward	d Doemer/	
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this	form.

ration form for each additional inventor.

PATENT

REEL: 055597 FRAME: 0181

Attorney Docket Number	84347772

Title of Invention	METHODS AND SYSTEMS FOR EGR SYSTEM
This declaration is directed	ed to:
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The above-identified appl	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 original	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 nal 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 disname or names, or in my insert the serial/applicat 17/202,129 ASSIGNEE, its success applications, in and to the including all application reexaminations and reissue. And I hereby agree for mincluding applications for including applications for includ	myself, 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
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 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 nore than five (5) years or both.
LEGAL NAME OF INVI	
Inventor: Robert Je	miz Date:
Signature: /Robert C	Jentz/
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 055597 FRAME: 0182

Attorney Docket Number	84347772

Title of Invention	METHODS AND SYSTEMS F	OR EGR SYSTEM
This declaration is directed to:		
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 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. 17/202,129, Filing Date		
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 INVI		
Signature: /Dave H	Hagner/	
* *	Sheet (PTO/SB/14 or equivalent), including n form for each additional inventor.	naming the entire inventive entity, must accompany this form.

Use an additional declaration form for each additional inventor.

PATENT

RECORDED: 03/15/2021 REEL: 055597 FRAME: 0183