506450544 01/14/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6497315

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSEPH MATTHEW MCCANN	07/10/2019
MICHAEL MARVIN LANDGRAF	07/10/2019
DAVID LOWRIE	07/10/2019
JEFF SEAN BOULTON	07/10/2019
PREET KAMAL VIRK	07/10/2019

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:	17149379

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: 84157882

NAME OF SUBMITTER: DAWSON FINLEY

SIGNATURE: /Dawson Finley/

DATE SIGNED: 01/14/2021

Total Attachments: 5

PATENT REEL: 054925 FRAME: 0092

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Attorney Docket Number	84157882

Title of Invention	AIR INTAKE SYSTEM FOR AN ENGINE
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 en they become known.)
The above-identified app	lication was made or authorized to be made by me.
I hereby state that I havincluding 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 tall or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECHY of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its sufor the inventions and disname or names, or in my insert the serial/applicat 17/149,379 ASSIGNEE, its success applications, in and to the including all application reexaminations and reissuand I hereby agree for the success and the success applications and reissuand in the success applications and reissuand in the success and its success applications and reissuand in the success and its success applications and reissuand in the success and its success applications and reissuand its success and its success applications and reissuand its success and its success and its success applications and reissuand its success and its	nyself, my heirs, successors, assigns or other legal representatives to execute any and all papers,
organizations, and to per	r 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 coure thereto the rights herein sold, assigned and set over.
And I hereby represent ar	d 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 ore than five (5) years or both.
LEGAL NAME OF INV	ENTOR To y 10 2010
Inventor: Joseph Ma	State of Type County
Signature:	Matthew Me Cour
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Attorney Docket Number 84157882		
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continuation-in-part app	o disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for elications, 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 fo of the ASSIGNEE, its story the inventions and diname or names, or in my insert the serial/applica 17/149,379 ASSIGNEE, its success applications, in and to the including all application reexaminations and reiss	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers,
including applications for organizations, and to pe	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 secure thereto the rights herein sold, assigned and set over.
	and warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknowledge the or imprisonment of not re	nat 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	IXXX VIDOD
Inventor: Michael	Marvin Landgraf Date: July 10, 2019
Signature: Micho	el marina and graf
Note: An Application Dat Use an additional declaration	ta Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. on form for each additional inventor.

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Attorney Docket Number	84157882

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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.
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. 17/149,379 , Filing Date January 14, 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.	
including applications for organizations, and to per-	nyself, 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 form any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives coure thereto the rights herein sold, assigned and set over.
And I hereby represent an	d 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 ore than five (5) years or both.
LEGAL NAME OF INVI	ENTOR TILL 10 TILL
Inventor: <u>David Lov</u>	wrie Date: July 10, 7019
Signature:	
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Attorney Docket Number	84157882

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FORD GLOBAL TECHI of the State of Delaward hereinafter referred to as interest, domestic and for of the ASSIGNEE, its suffer the inventions and displayed and the inventions and displayed are as a polication of the serial application. The success applications, in and to the including all application reexaminations and reissue. And I hereby agree for a superior of the state of the serial application and the serial application application and the serial application applic	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers,
organizations, and to per	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 an	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: Jeff Sean	
Signature:	Sean Boulton
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.

RECORDED: 01/14/2021

<u> </u>	,
Attorney Docket Number	84157882

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	AIR INTAKE SYSTEM FOR AN ENGINE	
This declaration is directed to:		
United United	States application or PCT international application number filed on (I hereby authorize the insertion of the application filing date and ten 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. 17/149,379 , Filing Date January 14, 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 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	ENTOR * / / / / / / / / / / / / / / / / / /	
Inventor: Preet Kan	3,7	
Signature: <u>LW</u>	kanal wit.	
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.		