506391076 12/08/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6437832

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL SPURLING	12/04/2020
MARIUS SAWATZKI	12/07/2020
DANIEL MECKENSTOCK	12/04/2020

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:	17112715

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:	84323663
NAME OF SUBMITTER:	DAWSON FINLEY
SIGNATURE:	/Dawson Finley/
DATE SIGNED:	12/08/2020

Total Attachments: 3

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PATENT 506391076 REEL: 054578 FRAME: 0107

Attorney Docket Number	84323663

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	SYSTEMS FOR AN AIR INTAKE A	(PPARATUS
This declaration is directed	ed to:	
	ached application, or States application or PCT international applicat filed on (I hereby author en they become known.)	ion number ize the insertion of the application filing date and
The above-identified app	lication was made or authorized to be made by r	ne.
I hereby state that I hav including the claims.	e reviewed and understand the contents of the	e specification in the above-identified application,
I believe that I am the ori	ginal inventor or an original joint inventor of a c	laimed invention in the application.
continuation-in-part appl		ntability as defined in 37 C.F.R. 1.56, including for available between the filing date of the prior unation-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 17/112,715 ASSIGNEE, its success applications, in and to the including all application reexaminations and reissue. And I hereby agree for respectively.	NOLOGIES, LLC, a Ford Motor Company subset, having its principal place of business at Dear the ASSIGNEE, its successors, assigns or other legal, in and to the inventions and discoveries in accessors, assigns or other legal representatives scoveries in any and all countries, entities and in name, at its or their election (and I hereby authorion number and filing date of the application, Filing Date December 4, 2020 cors, assigns or other legal representatives, are inventions and discoveries in any and all countries claiming benefit of the filing date hereoform applications.	cual obligation, I do sell, assign and set over unto idiary, organized and existing by virtue of the laws urborn, County of Wayne, and State of Michigan, her legal representatives, the entire right, title and in the above-identified invention including the right to make applications and to receive Letters Patent intergovernmental organizations, in its or their own norize the ASSIGNEE or ASSIGNEE's attorney to on to receive Letters Patent herein: Serial No.), and I hereby sell, assign and set over to the all rights of priority, including any provisional intries, entities and intergovernmental organizations continuations, continuations-in-part, divisionals, we and all countries entities and intergovernmental
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 declarate than five (5) years or both.	aration is punishable under 18 U.S.C. 1001 by fine
LEGAL NAME OF INVI		Date: 4th December 2020
	el Spurling/	-
	Shoot /DTO/SD/14 or opvioulant including a series	the entire inventive entity and accommend the form
	n form for each additional inventor	g the entire inventive entity, must accompany this form.

PATENT REEL: 054578 FRAME: 0108

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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	SYSTEMS FOR AN AIR INTAKE APPARATUS
This declaration is direct	ed to:
	sached application, or States application or PCT international application number
The above-identified app	lication 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 ori	ginal 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 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 TECH of the State of Delaware hereinafter referred to as interest, domestic and for of the ASSIGNEE, its su for the inventions and di- name or names, or in my insert the serial/applicat 17/112,715 ASSIGNEE, its success applications, in and to the	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, as 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 mame, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to the story and filing date 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 as	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 more than five (5) years or both.
LEGAL NAME OF INV Inventor: Marius Sa	
	atel
	+ = \frac{1}{2}
	a Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. in form for each additional inventor.

PATENT REEL: 054578 FRAME: 0109

RECORDED: 12/08/2020

Attorney Docket Number	84323663

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	SYSTEMS FOR AN AIR INTAKE APPARATUS
731. 1 3 3 4 2 3	
This declaration is directed	ed to:
	ached application, or
United	States application or PCT international application number
number into this form wh	filed on (I hereby authorize the insertion of the application filing date and ten they become known.)
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 all 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 su for the inventions and dis name or names, or in my insert the serial/applicat 17/112,715 ASSIGNEE, its success applications, in and to the	NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws to having its principal place of business at Dearborn, County of Wayne, and State of Michigan, 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 accessors, assigns or other legal representatives to make applications and to receive Letters Patent accessors, assigns or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to ion number and filing date of the application to receive Letters Patent herein: Serial No. ———————————————————————————————————
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 as	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
I hereby acknowledge that	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 eckenstock Date: 04.12.7020
Signature: <u>Jal</u>	/elles
Note: An Application Data	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.
Use an additional declaration	n form for each additional inventor.

PATENT REEL: 054578 FRAME: 0110