PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5507356

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HANS GUENTER	04/26/2019
JAN MEHRING	04/25/2019

RECEIVING PARTY DATA

Name:	FORD GLOBAL TECHNOLOGIES, LLC	
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City:	DEARBORN	
State/Country:	MICHIGAN	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16403290

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	84151373
NAME OF SUBMITTER:	ASHLEY R. TAPIA
SIGNATURE:	/Ashley R. Tapia/
DATE SIGNED:	05/03/2019

Total Attachments: 2

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> **PATENT REEL: 049077 FRAME: 0708** 505460553

Attorney Docket Number		

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	METHODS AND SYSTEMS FOR HIGH AND LOW TEMPERATURE
	COOLANT CIRCUITS
This declaration is directed to: The attached 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 nen 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.	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 ications, material information which became available between the filing date of the prior application international filing date of the continuation-in-part application.
GLOBAL TECHNOLOG State of Delaware, havin referred to as the ASSIG and foreign, in and to the its successors, assigns or discoveries in any and al name, at its or their elect number and filing date 16/403,290 application No. 102018: successors, assigns or ot inventions and discovericlaiming benefit of the applications. And I hereby agree for including applications for the successors in	ent agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the g its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter NEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, other legal representatives to make applications and to receive Letters Patent for the inventions and I countries, entities and intergovernmental organizations, in its or their own name or names, or in my ion (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application of the application to receive Letters Patent herein: Serial No.
may deem necessary to s	rform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives ecure thereto the rights herein sold, assigned and set over.
	nd warrant that I have not granted any rights inconsistent with the rights granted herein.
imprisonment of not mor	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or re than five (5) years or both.
LEGAL NAME OF INV	
Inventor: <u>Hans Guen</u> Signature:	ter Date: Q& O \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Orginature.	
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, on form for each additional inventor.

PATENT REEL: 049077 FRAME: 0709

RECORDED: 05/03/2019

Attorney Docket Number	84151373

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 METHODS AND SYSTEMS FOR HIGH AND LOW TEMPERATURE COOLANT CIRCUITS	
This declaration is directed to:	
The attached application, or United States application or PCT international application number filted 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 mc.	
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 patentainlity 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. 16/403.290 Filing Date May 3, 2019 which claims priority to German patent application No. 102018207011.3, filed on May 7, 2018), 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 INVENTOR Inventor: Jan Mehring Date: 2542079	
/ /// -	
Signature: / / CC	
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.	

PATENT REEL: 049077 FRAME: 0710