PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6824784

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT STEVEN SAWYER	08/24/2015
MANFRED KOBERSTEIN	08/25/2015

RECEIVING PARTY DATA

Name:	FORD GLOBAL TECHNOLOGIES, LLC
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16298252

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ATTORNEY DOCKET NUMBER:	84138292
NAME OF SUBMITTER:	KEVIN T. GRZELAK
SIGNATURE:	/Kevin T. Grzelak/
DATE SIGNED:	07/21/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2 source=1GZ4145#page1.tif source=1GZ4145#page2.tif

PATENT REEL: 056934 FRAME: 0454

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Please direct all correspondence to:

Attorney Docket Number	93535031	
Annuacy induced runned	\$ 000mm0003	

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)

Tiue of Inven	HEATING AND COOLING VEHICLE INTERIOR
This declaration	
S	The attached application, or United States application or PCT international application numberfiled on
The above-ident	tified application was made or authorized to be made by me.
I hereby state the characteristic including t	hat I have reviewed and understand the contents of the specification in the above-identified application, aims.
I believe that I a	on the original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-	se duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for part applications, material information which became available between the filing date of the prior the national or PCT international filing date of the continuation-in-part application.
FORD GLOBA, of the State of thereinafter references, domestion the ASSIGNI for the invention name or names, insert the seria 14/844,277 ASSIGNEE, it applications, in including all at reexaminations:	employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto L TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, med to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and ic and foreign, in and to the inventions and discoveries in the above-identified invention including the right EE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent as and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to all application number and filing date of the application to receive Letters Patent herein: Serial No. [Insert September 3, 2015]], and I hereby sell, assign and set over to the successors, assigns or other legal representatives, all rights of priority, including any provisional and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations and reissue applications. [Insert September 3]
including applic organizations, a	rations for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives stary to secure thereto the rights herein sold, assigned and set over.
And I hereby rep	present and warrant that I have not granted any rights inconsistent with the rights granted herein.
	viedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine tof not more than five (5) years or both.
LEGAL NAME	OF INVENTOR
Inventor:	2000 50000 50000 5000 5000 5000 5000 50
	ation Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, declaration form for each additional inventor.

PATENT REEL: 056934 FRAME: 0455

RECORDED: 07/21/2021

Attorney Docket Number	83545931

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 Invent	ION VEHICLE HVAC SYSTEM WITH AUXILIARY COOLANT LOOP FOR HEATING AND COOLING VEHICLE INTERIOR
This declaration	is directed to:
8	The attached application, or United States application or PCT international application number filed on
The above-ident	ified application was made or authorized to be made by me.
I hereby state the including the cla	nat I have reviewed and understand the contents of the specification in the above-identified application, ints.
I believe that I a	m the original inventor or an original joint inventor of a claimed invention in the application.
continuation-in-	the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for part applications, material information which became available between the filing date of the prior the national or PCT international filing date of the continuation-in-part application.
FORD GLOBAL of the State of I hereinafter refer interest, domesti of the ASSIGNI for the inventior name or names, insert the serial 14/844,277 ASSIGNEE, its applications, in including all ar	employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto L TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, red to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and c and foreign, in and to the inventions and discoveries in the above-identified invention including the right SE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent is and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to Vapplication number and filing date of the application to receive Letters Patent herein: Serial No.
including applic organizations, as	tree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, ations for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental nd to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives sary to secure thereto the rights herein sold, assigned and set over.
And I hereby rep	present and warrant that I have not granted any rights inconsistent with the rights granted herein.
	/ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of not more than five (5) years or both.
LEGAL NAME	OF INVENTOR
Inventor: ** NF	red Koberstein Date: 61 177
Signature:	
	ation 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: 056934 FRAME: 0456