#### 05/15/2017 504368243

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4414936

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
FRANK KRAEMER	04/27/2017
KAI SEBASTIAN KUHLBACH	04/27/2017
LUDWIG STUMP	04/27/2017
JAN MEHRING	04/27/2017
STEFAN QUIRING	04/27/2017

### **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:	15595801	

### **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: 971-271-8020 Email: Tapia@mccrus.com MCCOY RUSSELL LLP **Correspondent Name:** 

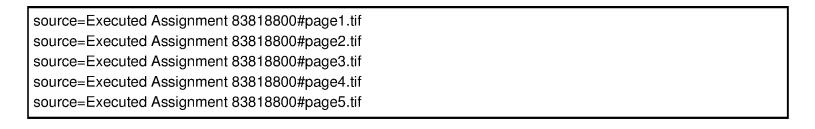
Address Line 1: 806 S.W. BROADWAY, SUITE 600 Address Line 4: PORTLAND, OREGON 97205

ATTORNEY DOCKET NUMBER:	83818800
NAME OF SUBMITTER:	ASHLEY R. TAPIA
SIGNATURE:	/Ashley R. Tapia/
DATE SIGNED:	05/15/2017

**Total Attachments: 5** 

**PATENT REEL: 042385 FRAME: 0563** 

504368243



	<u> </u>
Attorney Docket Number	83818800

Title of Invention	ASSEMBLED TURBINE HOUSING				
This declaration is direct	පර to:				
The attached application, or United States application or PCT international application number filed on					
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 and 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. 15/595,801 Filing Date May 15, 2017 which claims priority to German Patent Application No. 102016209951.3, filed on June 7, 2016), 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 INVI	7 3. 3.07.077 8 3 8 8				
Inventor: <u>Frank Kra</u>	there Date: Vivin				
Signature: \(\frac{\sqrt{Vlales.\Sqrt{S}}}{\sqrt{Signature}}\)					
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.  n form for each additional inventor.				

Attorney Docket Number	83818800
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This declaration is directed	ed to:					
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I hereby state that I havincluding the claims.	e reviewed and understand the contents of the specification in the above-identified application,					
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Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unio 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. 15/595,801 , Filing Date May 15, 2017 , which claims priority to German Patent Application No. 102016209951.5, filed on June 7, 2016), 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.						
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LEGAL NAME OF INV						
1788	Man A Grove Ca					
Signature: <u>W/V/</u>						
Note: An Application Dat Use an additional declaration	a 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	NAXIAXES:
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Title of Invention	ASSEMBLED TURBINE HOUSING					
This declaration is direct	ed to:					
Timinod	The attached application, or United States application or PCT international application number filed on					
number into this form wh	en 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.	re reviewed and understand the contents of the specification in the above-identified application,					
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Pursuant to my employment agreement heretofure 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 husiness 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. 15/595,801 Filing Date May 15, 2017 , which claims priority to German Patent Application No. 102016209951.5, filed on June 7, 2016), 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 // / 27 / 37					
inventor: <u>Ludwig 5</u>	Date: 4 / 1/					
Signature: Z. Auru						
Note: An Apolication Dat	a 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						

Attor	ney l	Docket	Number	83818800	

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This declaration is direct	ed to:	
☐ The at	sched application, or  States application or PCT international application number filed on, (I hereby authorize the insertion of the application filing date and sen they become known.)	
The above-identified app	lication 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, 1 do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the law 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 righ of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Paten 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 15/595,801 Filing Date May 15, 2017 which claims priority to German Paten Application No. 102016209951.5, filed on June 7, 2016), and I hereby sell, assign and set over to the ASSIGNEE, it 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.		
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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		
Inventor: <u>Jan Mehri</u>	ng. Date: <u>7/4,7/4/-</u>	
Signature:	,d (d/16	
Mater An Amelianian Care	Shoot (PTO/SDR) or administrary) (naturalises according the South Company)	
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.		

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Attorney Docket Number	83818800

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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 INV		
Inventor: <u>Stefan Qu</u>	iring Date: 2+ Apr 2012	
Signature:		
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: 042385 FRAME: 0569

**RECORDED: 05/15/2017**