# 504182736 01/13/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4226112

01/02/2017

01/02/2017

SUBMISSION TYPE: NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
KAI SEBASTIAN KUHLBACH		01/02/2017
JOACHIM HANSEN		01/02/2017
LUDWIG STUMP		01/02/2017
STEFAN QUIRING		01/02/2017

JAN MEHRING

CARSTEN WEBER

## **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:	15406592

### CORRESPONDENCE DATA

Fax Number:(503)459-4142Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent<br/>using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Phone:503-459-4141

Phone:	503-459-4141
Email:	Tapia@ahmrt.com
Correspondent Name:	ALLEMAN HALL MCCOY RUSSELL & TUTTLE, LLP
Address Line 1:	806 S.W. BROADWAY, SUITE 600
Address Line 4:	PORTLAND, OREGON 97205

ATTORNEY DOCKET NUMBER:	83758331
NAME OF SUBMITTER:	ASHLEY R. TAPIA
SIGNATURE:	/Ashley R. Tapia/
DATE SIGNED:	01/13/2017

Total Attachments: 6	
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Attorney Docket Number 83758331

# 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	TURBINE HOUSING
This declaration is direct	
This declaration is uncer	ca wi
	ached application, or 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 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 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 all or PCT international filing date of the continuation-in-part application.
FORD GLOBAL TECHI laws of the State of Delay hereinafter referred to as interest, domestic and for of the ASSIGNEE, its sur for the inventions and dis name or names, or in my insert the serial/applicat 15/406,592 Application No. 1020162 successors, assigns or oth inventions and discoverie claiming benefit of the f applications.	tent agreement heretofore made or by contractual obligation, 1 do sell, assign and set over unto NOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the vare, 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 eign, in and to the inventions and discoveries in the above-identified invention including the right coessors, assigns or other legal representatives to make applications and to receive Letters Patent coveries in any and all countries, entities and intergovernmental organizations, in its or their own name, at its 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
including applications for organizations, and to perf	syself, 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 ecure thereto the rights herein sold, assigned and set over.
And I hereby represent ar	id warrant that I have not granted any rights inconsistent with the rights granted herein.
	tt any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine tore than five (5) years or both.
LEGAL NAME OF INVI Inventor: Kai Sebas	ENTOR tian Kahlbach Date: 2-Jun. 2017-
Signature:	- huline
	Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, a form for each additional inventor.

Attorney Docket Number 83758331

#### 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

#### TURBINE HOUSING

This declaration is directed to:

The attached application, or

United States application or PCT international application number

filed 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 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 heretofure made or by contractual obligation, I do sell, assign and set over unto PORD 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 Patient 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 Patient herein: Serial No.

<u>15/406,592</u>, Filing Date <u>January 13, 2017</u> which claims priority to German Pateni Application No. 102016200873.0, filed on January 22, 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 na			المراجعة المحمدة	
inventor:	Joachim Hansen	Date:	- Jan L. 2019	
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Signature:	/_/_/			
	17570			
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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.

Attorney Docket Number 83758331

#### 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)

This declaration is directed to:
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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 fit continuation-in-part applications, material information which became available between the filing date of the price 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 une PORD 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 an 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, in its or their own ame or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney 1 insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial Ni 15/406,592 , Filing Date January 13, 2017 which claims priority to German Pater Application No. 102016200873.0, filed on January 22, 2016), and I hereby sell, assign and set over to the ASSIGNEE's in any and all countries, entities and intergovernmental organizations in and to divertives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all cou
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And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all paper including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernment organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representative 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 fir or imprisonment of not more than five (5) years or both.
LEGAL NAME OF INVENTOR Inventor: Ludwig Stump Date: 2017
Signature: <u>2. Quuly</u>

Aitomey Docket Number 83758331

## 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	TURBINE HOUSING
This declaration is direct	ed to:
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The above-identified app	lication was made or authorized to be made by me.
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organizations, and to per	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.
	hat 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: Stefan	VENTOR 7 7 Journa
Signature:	
Note: An Application Dat Use an additional declarati	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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LEGAL NAME OF INVI Inventor: Jan Mehi	
Signature: $\frac{\sqrt{2}}{\sqrt{2}}$	<u>Andres in a seconda de la constanción de la constancistinación de la constanción de la constanción de</u>
	Sheet (PTO/SB/4 or equivalent), including naming the entire inventive entity, must accompany this form. $a$ form for each additional inventor.

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including applications for organizations, and to pe	myself, my heirs, successors, assigns or other legal representatives to execute any and all papers for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmenta erform any and all acts which the ASSIGNEE, its successors, assigns or other legal representative 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 to or imprisonment of not	hat any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fin more than five (5) years or both.
LEGAL NAME OF IN Inventor: <u>Carsten</u>	VENTOR 62/01/17
Signature:	
Note: An Application Dat	the Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accumpany this form tion form for each additional inventor.

PATENT REEL: 041044 FRAME: 0326

RECORDED: 01/13/2017