504404192 06/08/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4450889

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HISAKI ITO	04/07/2017
NORIYUKI TAKADA	04/18/2017
TSUTOMU KAWAE	05/08/2017

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	
Street Address:	1, TOYOTA-CHO, TOYOTA-SHI	
City:	AICHI-KEN	
State/Country:	JAPAN	
Postal Code:	471-8571	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15617173

CORRESPONDENCE DATA

Fax Number: (202)408-4400

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: 2024084000

Email:terri.mcmillan-solomon@finnegan.comCorrespondent Name:E. CHAPMAN - FINNEGAN HENDERSON

Address Line 1: 901 NEW YORK AVE NW
Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	DOCKET NUMBER: 07057.1128-00000	
NAME OF SUBMITTER:	TERRI L. MCMILLAN-SOLOMON	
SIGNATURE:	/Terri L. McMillan-Solomon/	
DATE SIGNED: 06/08/2017		
This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 2

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PATENT 504404192 REEL: 042649 FRAME: 0267

Attorney Docket No.: Client Ref.: TSN201600782US00

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

As the below named inventor, I hereby declare that: This declaration is directed to: The attached application, or United States application or PCT international application number filed on	Title of Invention	INTERNAL COMBUSTION ENGINE	
United States application or PCT international application number filed on The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted. I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56. 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 (3) years, or both. WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA	As the below	named inventor, I hereby declare that:	
The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted. I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56. 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. WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA With offices at 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan (hereinafter referred to as ASSIGNEE), is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries; NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, 1 by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and in and to any and all Letters Patent of the United States, and countries foreign thereto, and lengths under the International graphication, including any divisions and continuations thereof, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheros, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or issue said United States of America adheros, and to any other benefits accruing or to accrue to me		The attached application, or	
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Patent which may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;			
And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in forcign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;			
And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.			

PATENT REEL: 042649 FRAME: 0268

NAME OF SOLE OR FIRST INVENTOR:				
Given Name				
(first and middle [if any]) Hisaki	Family Name or Surname ITO			
Inventor's signature Hisaki Sto	Date April 7, 2017			
Residence: Gotenba-shi, Shizuoka-ken, Japan	•			
c/o TOYOTA JIDOSHA KABUSHIKI KAISHA Mailing Address: 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571				
NAME OF SECOND INVENTOR:				
Given Name (first and middle [if any]) Noriyuki	Family Name or Surname TAKADA			
Inventor's signature Mory who Takendon	Date April 18. 2017			
Residence: Susono-shi, Shizuoka-ken, Japan				
c/o TOYOTA JIDOSHA KABUSHIKI KAISHA Mailing Address: 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan				
NAME OF THIRD INVENTOR:				
Given Name (first and middle [if any]) Tsutomu	Family Name or Surname KAWAE			
Inventor's signature Soutomu Kawae	Date May 8. 2017			
Residence: Susono-shi, Shizuoka-ken, Japan				
c/o TOYOTA JIDOSHA KABUSHIKI KAISHA Mailing Address: 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan				

PATENT REEL: 042649 FRAME: 0269

RECORDED: 06/08/2017