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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shintaro HOTTA	05/11/2020
Takashi KAWAI	05/13/2020
Shunsuke FUSHIKI	05/12/2020
Hideto WAKABAYASHI	05/12/2020
Hirokazu ITO	05/11/2020

RECEIVING PARTY DATA

Name:	Toyota Jidosha Kabushiki Kaisha	
Street Address:	1, Toyota-cho	
City:	Toyota-shi, Aichi-ken	
State/Country:	Japan	
Postal Code:	471-8571	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16918127

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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: 703-836-6400
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Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

Total Attackments O		
DATE SIGNED:	07/01/2020	
SIGNATURE:	/Samantha Liming/	
NAME OF SUBMITTER:	SAMANTHA LIMING	
ATTORNEY DOCKET NUMBER:	192794	

Total Attachments: 2

PATENT REEL: 053103 FRAME: 0392 source=7609138_1#page1.tif source=7609138_1#page2.tif

> PATENT REEL: 053103 FRAME: 0393

TFN 190382- 45

Attorney Docket No.: Client Ref.: TSN201903759US00

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

Title of Invention	POWERTRAIN SYSTEM		
As the below named inventor, I hereby declare that:			
This declarat is directed to	The extrahed and frantises me		
	United States application or PCT international application number filed on		
The above-id	entified 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 review	ed 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, I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, 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 adheres, and to any other benefits accruing or to accrue to me with respect to the filling of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;			
And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Parent of the United States and countries foreign thereto;			
for foreign pa	agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application tents, for filing subdivisions of said application for patent, and or, for obtaining any renewal or reissues of any Letters Patent which id 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 foreign 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: 053103 FRAME: 0394

NAME OF SOLE OR FIRST INVENTOR:				
Given Name				
(first and middle [if any]) Shintaro Family Name of	or Surname HOTTA			
Inventor's signature Shindar Thoda	Date ## May 11, 2020			
Residence: Sunto-gun, Shizuoka-ken, Japan				
c/o TOYOTA JIDOSHA KABUSHIKI KAISHA Mailing Address: 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan				
NAME OF SECOND INVENTOR:				
Given Name				
(first and middle [if any]) Takashi Family Name (or Surname KAWAI			
Inventor's signature Lahrahi Ki	Date May 13, 2020			
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]) Shunsuke Family Name of	or Surname FUSHIKI			
Inventor's signature Manufa Fushilia	Date May 12, 2020			
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 FOURTH INVENTOR:				
Given Name (first and middle [if any]) Hideto Family Name of	or Surname WAKABAYASHI			
Inventor's signature Hideto Wakabayashij	Date May 12 2020			
Residence: Numazu-shi, Shizuoka-ken, Japan				
c/o TOYOTA JIDOSHA KABUSHIKI KAISHA Mailing Address: 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan				
NAME OF FIFTH INVENTOR:				
Given Name				
(first and middle [if any]) Hirokazu Family Name	or Surname ITO			
Inventor's signature Kirokagu dw	Date May, // ,2020			
c/o TOYOTA JIDOSHA KABUSHIKI KAISHA Mailing Address: 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan NAME OF FIFTH INVENTOR: Given Name (first and middle [if any]) Hirokazu Family Name or Surname ITO				

PATENT REEL: 053103 FRAME: 0395

RECORDED: 07/01/2020