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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name		Execution Date	
MITSUGU MAKITA				12/17/2018	
DAIGO FUJII				12/13/2018	
NAOKI YAMAMURO				12/20/2018	
RECEIVING PARTY DA	TA				
Name:	1	TOYOTA JIDOSHA KABUSHIKI KAISHA			
Street Address:	1, TOY	DTA-CHO			
City:	тоуот	TOYOTA-SHI, AICHI-KEN			
State/Country:	JAPAN				
Postal Code:	471-857	71			
	Total: 1	Number			
PROPERTY NUMBERS	Total: 1				
Property Type		Number 16872931			
Property Type					
Property Type Application Number: CORRESPONDENCE D Fax Number:		(248)647-5210			
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Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NUME AME OF SUBMITTER:	DATA e sent to provided	(248)647-5210 the e-mail address first; if that is ; if that is unsuccessful, it will b 248-647-6000 mara.dagostini@dinsmore.com DINSMORE & SHOHL LLP 900 WILSHIRE DRIVE SUITE 300 TROY, MICHIGAN 48084 94377-1076 08TMCT97103 ALAN W. KRANTZ	e sent via US		

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Attorney Docket No.: Client Ref.: TSN201711496US00

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	SERVER,	VEHICLE, AND	SYST	EM
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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

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, 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 filing 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 Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuncration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any renewal or reissues of any Letters 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 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: 052643 FRAME: 0696

NAME OF SOLE OR FIRST INVENTOR:	8 8 8	
Given Name (first and middle [if any]) Mitsugu	Family Name or Surname	MAKITA
Inventor's signature mitaugu Makita	<u>ľ</u>	Date December 17,2018
Residence: Nagoya-shi, Aichi-ken, Japan		
c/o TOYOTA JIDOSHA KABUSHIKI KAISH Mailing Address: 1, Toyota-cho, Toyota-shi, Alchi-ken, 471-857		
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Inventor's signature Dalgo Fujii	I	Date December 13,2012
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c/o TOYOTA JIDOSHA KABUSHIKI KAISH Mailing Address: 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-857		
NAME OF THIRD INVENTOR:		
Given Name (first and middle [if any]) Naoki	Family Name or Surname	YAMAMURO
Inventor's signature Mashi Yamm	~	Date Dec 20th, 2018
V Residence: Nagoya-shi, Aichi-ken, Japan		
c/o TOYOTA JIDOSHA KABUSHIKI KAISH Mailing Address: 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-857		

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