506592586 04/05/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKESHI YAMAKAWA	02/02/2021
YASUO UEHARA	02/19/2021
OSAMU KOMEDA	02/22/2021
KAZUKI HIRAMOTO	02/08/2021
KAZUHIRO MIYAZATO	02/08/2021
MASAMU CHIBA	02/03/2021
NAOHIDE UCHIDA	02/02/2021
HIDEAKI SAWADA	02/11/2021
MASAKI IKAI	01/22/2021

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17222115

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	CESARE A. SCLAFANI

PAIENI **REEL: 055822 FRAME: 0639** 506592586

SIGNATURE:	/Cesare A. Sclafani/
DATE SIGNED: 04/05/2021	
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3	

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PATENT REEL: 055822 FRAME: 0640

Attorney Docket No.: Client Ref.; TSN201911556US00

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

<u> </u>		
Title of Invention	ON-BOARD SENSOR SYSTEM	
As the below	named inventor, I hereby declare that:	
This declarati	on	
	United States application or PCT international application number filed on	
The above-ide	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.	
-	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of five (5) years, or both.	
	TOYOTA JIDOSHA KABUSHIKI KAISHA , with offices at n-cho, Toyota-shi, Aichi-ken, 471-8571 Japan	
	eferred to as ASSIGNEE), is desirous of acquiring all interest in, to and under said invention, said application disclosing the in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and untries;	
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;		
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 and for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;	
application, s	r agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said aid invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will be same in any interference or litigation related thereto;	
And I hereby this assignme	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with nt and sale.	

PATENT REEL: 055822 FRAME: 0641

NAME OF SOLE OR FIRST INVENTOR:	
Given Name	
(first and middle [if anyl) Takeshi	Family Name or Surname YAMAKAWA
Inventor's signature Takeshi Yamakawa	Date 2, February, 2021
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₹	Family Name or Surname UENARA
Inventor's signature Ywar Uhave	Date Machine 19, 2021 Fabruary 2021, 2.19
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Residence: Gotemba-shi, Shizuoka-ken, Japan	7. 64 -
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	78(28)
NAME OF THIRD INVENTOR:	
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NAME OF FIFTH INVENTOR:	
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PATENT REEL: 055822 FRAME: 0642

NAME OF SIXTH INVENTOR:		
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Inventor's signature Masanu Chiba	Date Followry 3. 2021	
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NAME OF SEVENTH INVENTOR:		
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Given Name (first and middle [if any]) Masaki	Family Name or Surname IKAI	
Inventor's signature Masaki Ikai	Date January 22,2021	
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PATENT REEL: 055822 FRAME: 0643

RECORDED: 04/05/2021