505117211 09/28/2018 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DA	ТА				
			Name		Execution Date
NAOHIDE UCHIDA					08/31/2018
KEN TANABE					09/10/2018
HIROTAKE ISHIGAMI					09/10/2018
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State/Country:	JAPAN				
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PROPERTY NUMBERS	Fotal: 1			_	
Property Type			Number		
Application Number:		1614	5346		
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505117211

NAME OF SUBMITTER:	BETSY BAI, NEW APPLICATIONS SPECIALIST			
SIGNATURE:	/Betsy Bai/			
DATE SIGNED:	09/28/2018			
	This document serves as an Oath/Declaration (37 CFR 1.63).			
Total Attachments: 3 source=Q242446CombinedAssignmentwithDeclarationExecuted#page1.tif				

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ASSIGNMENT WITH DECLARATION FOR PATENT APPLICATION (37 CFR 1.63)

特許出願宣言書付き譲渡書 (37 CFR 1.63)

Japanese Language Assignment with Declaration

下記に署名した発明者であり、以下に譲渡人と称される私 (我々)は、下記の出願に記載された改良に関する発明を し、

______の____(譲受人)は、本件出願 および本件発明、ならびに当該出願から得られるいかなる米 国特許に関する全ての権利、権原、および利益の取得を要求 します。

よって、価値ある対価の受領をここに確認し、

上で譲渡人として指名された私(我々)は、米国における本 件出願およびその発明開示、全ての分割出願および継続出 願、これら出願について許可された米国特許証および全ての 再発行特許に関する全ての権利(35-0SC 119 に基づく優先 権を主張する権利と過去分の損害賠償請求権を含む)、権 原、および利益を、上で指定した譲受人、その承継人ないし 権利承継者に売却、譲渡、移転するとともに、私(我々)は 米国特許商標庁長官に対し、本件出願に記載の発明に対する 特許証を、譲受人、その承継人ないし権利承継者に発行する ことを要請し、私(我々)は、これ以上の対価なしに、譲受 人の求めにより、本件米国特許出願に関して譲受人が必要と みなす全ての書類を作成します。

(公証人による認証は不要であるが、これらの書類は、35 0SC 261に基づく推定された証拠となる)

|私は,下記に記載の発明者として,以下の通り宣言します。

本宣言付き譲渡書は、以下に関します。

〕 _____年_月_日に出願された米国出願あるいは PCT国際出願番号____(確認番号____) -

本件出願の名称は、以下の通りです。

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, (1) TOYOTA JIDOSHA KABUSHIKI KAISHA (2) DENSO CORPORATION of (1) 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571, JAPAN (2) 1-1, Showa-cho, Kariya-city, Aichi-pref, 448-8661 Japan, (assignce), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 USC 119 and the right to sue for past damages, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)

As the below named inventor, I hereby declare that:

This assignment with declaration is directed to:

The attached application, or

United States Application or PCT International Application Number ______ filed on ______ (Confirmation No. _____).

The application is entitled:

The application is climited.

TARGET OBJECT ESTIMATING APPARATUS

Japanese Language Assignment with Declaration

上記に明示された出願は,私が作成した、または作成を許可 したものです。

私は、本件出願において請求項に記載された発明の本来の発 明者、または、本来の共同発明者であると信じています。

私は、本宣営付き譲渡書の提出に関わる本件出願の内容を検 討し、理解しています。

私は、37 CFR 1.56 に定義されるように、自身が知る全ての 特許性に関する重要な情報を、米国特許商標庁に開示する義 務があることを認識しています。

私は、本宣言付き譲渡書において故意に虚偽の供述を行った 場合、18 USC 1001 に基づき、罰金あるいは 5 年以下の懲 役、または両方による処罰の対象となることを認識していま す。 The above identified application was made or was 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 assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b):

The assignment with declaration is an accurate translation of the corresponding English language assignment with declaration.

Signature

Date March 11, 2014

PATENT REEL: 047003 FRAME: 0915

NAME OF SOLE OR FIRST INVENTOR: 唯一あるいは第一の発明者名	
Given Name (first and middle [if any])	Family Name or Surname
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Inventor's signature 発明者の署名 / Uratake Ishigami	Date 日付 September 10,2018
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inventor's signature ^{発明者の署名} <i>Noroh</i> ide Uchida	Date Eff August 31, 2018
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NAME OF THIRD INVENTOR: 第三の発明者名:	
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wentor's signature 活明者の署名 Yen Tanake	TANABE Date 目标 September (0, 2018
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ventor's signature 明者の署名	Date 日付
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lailing Address: G送先:	
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RECORDED: 09/28/2018

PATENT REEL: 047003 FRAME: 0916