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EPAS ID: PAT5307298

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the CORRESPONDENT NAME previously recorded on Reel 047869 Frame 0221. Assignor(s) hereby confirms the CORRECTION OF CORRESPONDENT NAME FROM KNOBBE, MARTENS, OLSEN & BEAR, LLP TO KNOBBE, MARTENS, OLSON & BEAR, LLP.

**CONVEYING PARTY DATA**

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YOHEI MASUI	11/06/2018
RYOMA NIIHARA	11/06/2018
TAKASHI MAEDA	11/07/2018
TAKESHI NANAMI	11/19/2018
MINORU NAKADORI	11/07/2018

**RECEIVING PARTY DATA**

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<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	471-8571

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	16303383

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**ATTORNEY DOCKET NUMBER:** PDIDEN.532APC

**NAME OF SUBMITTER:** ANDREW D. LEE

**SIGNATURE:** /Andrew D. Lee/

**DATE SIGNED:** 01/03/2019

**Total Attachments: 4**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TADASHI SAKAI	11/06/2018
YOHEI MASUI	11/06/2018
RYOMA NIIHARA	11/06/2018
TAKASHI MAEDA	11/07/2018
TAKESHI NANAMI	11/19/2018
MINORU NAKADORI	11/07/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DENSO CORPORATION
<b>Street Address:</b>	1-1, SHOWA-CHO
<b>City:</b>	KARIYA-CITY, AICHI-PREF
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	448-8661

**PATENT****REEL: 048003 FRAME: 0616**

<b>Name:</b>	TOYOTA JIDOSHA KABUSHIKI KAISHA
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**PROPERTY NUMBERS Total: 1**

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<b>Application Number:</b>	16303383

**CORRESPONDENCE DATA**

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**Correspondent Name:** KNOBBE, MARTENS, OLSEN & BEAR, LLP  
**Address Line 1:** 2040 MAIN STREET  
**Address Line 2:** 14TH FLOOR  
**Address Line 4:** IRVINE, CALIFORNIA 92614

**Total Attachments: 2**

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<b>Signature:</b> *	/Andrew D. Lee/
<b>Name:</b> *	ANDREW D. LEE
<b>Date:</b>	12/28/2018
	<input type="checkbox"/> This document serves as an <u>Oath/Declaration (37 CFR 1.63)</u> .

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**譲渡証**  
**ASSIGNMENT**

本件署名者は、十分な考慮及び理解の下、譲受人としての次の会社及びその相続人、譲渡先、その他の法的代理人に、米国及びその属地において、下記の発明に関する全権利並びに所有権を譲渡することに合意し、譲渡、売却、移譲します。

For good and valuable consideration, the receipt and sufficiency of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby assign(s), sell(s) and transfer(s) to

譲受者名: Assignee(s):	DENSO CORPORATION	TOYOTA JIDOSHA KABUSHIKI KAISHA
住所: Address(es):	1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan	1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan

as Assignee(s), and corresponding successors, assigns or other legal representatives, the entire right, title and interest, in the United States of America, and its territories, dependencies and possessions, to certain inventions known as

発明の名称:  
Title of  
Invention: **TARGET DETECTION DEVICE**

上記発明についての米国登録特許証の出願は、  
described in an application for Letters Patent of the United States executed

- 本譲渡証と同日、もしくは  
on even date herewith
- 米国出願番号 \_\_\_\_\_ として \_\_\_\_\_ に提出されたものです。  
as U.S. Application Serial No. 16/303,383 filed on November 20, 2018

また、本件署名者は、本件出願の継続出願や分割出願、更には、再発行特許の登録特許証に関しても同様に譲渡いたします。本件署名者は米国特許商標局長官が上記譲受人に登録特許証を発行することを許可、希望します。

本件署名者は、要求に応じて、すべての書面に署名すること、誓約すること、更に、本件発明の確保・維持・権利行使のために、また、譲受人の権利確保のために必要となるすべての手続を実行することに合意します。

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本件署名者は、Knobbe Martensに対して、この書面の登録に必要・適切となる追記をすることを許可します。

as well as any and all continuations, divisions, and reissues of said application and all Letters Patents that may be granted therefor. The undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent or Letters Patents to said Assignee(s).

The undersigned agree(s), when requested, to sign all papers, take all rightful oaths, and perform all acts which may be necessary for securing, maintaining and enforcing patents for said inventions and for vesting title thereto in said Assignee(s).

The undersigned authorize(s) and empower(s) said Assignee(s) to invoke and claim the benefit of the right of priority provided under any and all international conventions and treaties in respect of said inventions, as may be necessary in connection with said application.

The undersigned also authorize(s) Knobbe Martens to insert hereon any further identification that may be necessary or desirable for recordation of this document.

署名:  
Signature: Tadashi Sakai  
第1発明者:  
First Inventor: Tadashi Sakai

署名日:  
Date: November 6, 2018

署名:  
Signature: Yohel Masui  
第2発明者:  
Second Inventor: Yohel Masui

署名日:  
Date: November 6, 2018

署名:  
Signature: Ryoma Nihara  
第3発明者:  
Third Inventor: Ryoma Nihara

署名日:  
Date: November 6, 2018

- その他発明者はここに付随する添付書面上にリストされます。  
Additional inventor(s) listed on the attached sheet which is incorporated herein by reference.

注記: 上記日本語抄訳は、本書面の理解の助けとして付記しております。正式な解釈は英文に基づき行われます。

Note: The above Japanese text is for the purpose of helping the understanding of the reader. The interpretation of the Assignment should be based on the English text.

譲渡証(続き)  
ASSIGNMENT (Cont.)

署名: Signature: 第 4 発明者: Fourth Inventor:	<u>Takashi Maeda</u> Takashi Maeda	署名日: Date:	<u>November 7, 2008</u>
署名: Signature: 第 5 発明者: Fifth Inventor:	<u>Takeshi Nanami</u> Takeshi Nanami	署名日: Date:	<u>November 19, 2008</u>
署名: Signature: 第 6 発明者: Sixth Inventor:	<u>Minoru Nakadori</u> Minoru Nakadori	署名日: Date:	<u>November 7, 2008</u>