

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4719257

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TORU TAKAHASHI	09/19/2017
YOSUKE ITO	09/19/2017
JUN TSUCHIDA	09/21/2017
MASAYUKI SHIMIZU	10/02/2017

RECEIVING PARTY DATA

Name:	DENSO CORPORATION
Street Address:	1-1, SHOWA-CHO
Internal Address:	KARIYA-CITY
City:	AICHI-PREF.
State/Country:	JAPAN
Postal Code:	448-8661
Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA
Street Address:	1, TOYOTA-CHO
Internal Address:	TOYOTA-SHI
City:	AICHI-KEN
State/Country:	JAPAN
Postal Code:	471-8571

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15562172

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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: (949)760-0404

Email: efilling@knobbe.com

Correspondent Name: KNOBBE, MARTENS, OLSON & BEAR, LLP

Address Line 1: 2040 MAIN STREET

Address Line 2: 14TH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

PATENT

ATTORNEY DOCKET NUMBER:	PDIDEN.293APC
NAME OF SUBMITTER:	ANDREW D. LEE
SIGNATURE:	/Andrew D. Lee/
DATE SIGNED:	12/05/2017
Total Attachments: 2 source=PDIDEN.293APC ASSIGNMENT#page1.tif source=PDIDEN.293APC ASSIGNMENT#page2.tif	

Client Ref: PN177851-UST

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: **OBJECT DETECTION APPARATUS AND OBJECT DETECTION METHOD**

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. 15/562,172 filed on September 27, 2017

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: 第 1 発明者: First Inventor:	<u>Toru Takahashi</u> Toru Takahashi	署名日: Date:	<u>September 19, 2017</u>
署名: Signature: 第 2 発明者: Second Inventor:	<u>Yosuke Ito</u> Yosuke Ito	署名日: Date:	<u>September 19, 2017</u>

- 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.

Client Ref: PN177851-UST

Knobbe Martens

譲渡証(続き)
ASSIGNMENT (Cont.)

署名: Signature:	<u>Jun Tsuchida</u>	署名日: Date:	<u>21st. Sep. 2017</u>
第3発明者: Third Inventor:	Jun Tsuchida		
署名: Signature:	<u>Masayuki Shimizu</u>	署名日: Date:	<u>2nd. Oct. 2017</u>
第4発明者: Fourth Inventor:	Masayuki Shimizu		