11/13/2015 503569340

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
MASUMI FUKUMAN	10/23/2015
MOTONARI OHBAYASHI	10/22/2015
AKIHIRO KIDA	10/22/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14887623	

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: 9497600404

Email: efiling@knobbe.com

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

2040 MAIN STREET, 14TH FLOOR Address Line 1:

Address Line 4: **IRVINE, CALIFORNIA 92614**

ATTORNEY DOCKET NUMBER: PDIDEN.060AUS	
NAME OF SUBMITTER:	ANDREW D. LEE
SIGNATURE:	/Andrew D. Lee/

PATENT REEL: 037038 FRAME: 0703 503569340

DATE SIGNED: 11/13/2015

Total Attachments: 2
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PATENT REEL: 037038 FRAME: 0704

Our Ref.: PDIDEN.060AUS
Knobbe Martens

Client Ref: PN172731-US

譲渡証 ASSIGNMENT

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本件署名者は、十分な考達及び理解の下、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、米国及びその風地において、下 記の発明に関する全権利並びに所有稽を譲渡することに合意し、譲渡、売料、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					
see at the .		TOYOTA JIDOSHA			
颜受谱名: Assignes(s);	DENSO CORPORATION	KABUSHIKI KAISHA			
使形; Address(es):	1-1, Showa-cho, Kariya-city, Alchi-pref., 448-8661 Japan	1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan			
as Assignee(s), and a America, and its territ	corresponding successors, assigns or othe ories, dependencies and possessions, to o	er legal representatives, the entire right, ti sertain inventions known as	itle and interest, in the United States of		
発明の名称: Title of Invention:	OBJECT DETI	ECTION APPARATUS			
	:図登録特許証の出際は、 ation for Letters Palent of the United State	s executed			
	部と阿8、もしくは an date herewith				
	級番号としてに提出されたもの Application Serial No. <u>14/887.623</u>		015		
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。本件署名者は米固特許 簡潔局長言が上記談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、審約すること、更に、本件発明の確保・維持・権利行使のために、また、接受人の権利確保 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。 本件署名者は、本件出願に関連して必要となった際に、上記談受人が本件発明に関するすべての医際条約及び協定に基づく優先権を行使・要求する ことについて、それを許可し、その権限を上記談受人に与えます。 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 destrable for recordation of this document.					
著名: Signature: 第 1 発明者: First inventor:	Masumi Fakuman Masumi Fukuman	要名印: Date:	October 23, 2015		
その他発明者はここに付随する統付書面上にソストされます。 Additional inventor(s) listed on the attached sheet which is incorporated herein by reference.					
注記:上記日本語抄訳は、本姿版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.					

Our Ref.: PDIDEN.060AUS

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譲渡証(続き) ASSIGNMENT (Cont.)

署名: Signature: motonari Ohbayashi

署名日: Date: Potales 22. 2015

第 2 発明者: Second Inventor: Motonari Ohbayashi

警名; Signature:

Signature: 第3発明者; Third Inventor: Akihiro Kida

署名日: Date:

October 22 2018