

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5368237

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KATSUAKI SUGANUMA	01/23/2019
SHIJO NAGAO	01/23/2019
AKIO SHIMOYAMA	01/23/2019
SHINYA SEKI	01/29/2019
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<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	565-0871
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16324528
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	006300-000063
<b>NAME OF SUBMITTER:</b>	DONALD R. STUDEBAKER
<b>SIGNATURE:</b>	/Donald R. Studebaker/
<b>DATE SIGNED:</b>	02/08/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 4</b>	

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**PATENT**

**REEL: 048284 FRAME: 0075**

## DECLARATION

I, Junko Kamiguri, hereby solemnly and sincerely declare:

That I am well acquainted with the Japanese language and English language; and

That the attached is a true and faithful translation of the Declaration/Assignment submitted for the enclosed New U.S. Patent Application which is the U.S. National Phase Application of International Patent Application No. PCT/JP2017/022285 and claims priority to Japanese Patent Application No. 2016-158565 being filed herewith, to the best of my knowledge and belief.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further these statements were made with the knowledge that willful false statements and that like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application of any patent issued therefrom.

Date: February 8, 2019

Signed: Junko Kamiguri

**COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION  
FOR UNITED STATES LETTERS PATENT****Title of Invention:  
BONDING DEVICE**

私は、以下に記名された発明者として、ここに下記の通り宣言する：

As a below named inventor, I hereby declare that:

本宣言書は、以下の出願に対するものである：

This declaration is directed to:

☐ 添付された出願、あるいは、  
☒ 米国出願番号またはPCT国際出願番号は、  
PCT/JP2017/022285 であり、且つ  
2017年6月16日 の日に提出された出願（該当する場合）

☐ The attached application, or  
☒ United States application or PCT international  
application number PCT/JP2017/022285  
filed on June 16, 2017

上記出願書（明細書及び図面）は、私が作成したものか、あるいは私がその作成を許可したものである。

The above-identified application was made or authorized to be made by me.

私は、本米国出願の請求範囲に記載された発明に対する発明者であるか、或いは、原共同発明者であると信じている。

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

私は、ここでの宣誓または陳述において故意に偽りを述べた場合、合衆国法典第18巻第1001条に基づき、罰金あるいは5年以下の懲役、または、両方の懲罰を受けることを認める。

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

**WHEREAS** Katsuaki SUGANUMA, Shijo NAGAO, Akio SHIMOYAMA and Shinya SEKI hereinafter referred to as the assignor, has invented a certain improvement relating to:

**BONDING DEVICE**

The inventor declaration for said application is combined herewith.

☐ said application to be filed in the United States Patent and Trademark Office;

☐ said application having been filed in the United States Patent and Trademark Office on, \_\_\_\_\_, authorization being hereby given to the practitioners associated with STUDEBAKER & BRACKETT PC's CUSTOMER NUMBER 78198, to insert here in parentheses (Application Serial No. \_\_\_\_\_) the application serial number of said application when known;

☒ said application having been filed under the Patent Cooperation Treaty on June 16, 2017, as Serial No. PCT/JP2017/022285, the United States of America being designated.

**AND WHEREAS OSAKA UNIVERSITY**

of 1-1, Yamadaoka, Suita-shi, Osaka 565-0871, JAPAN, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

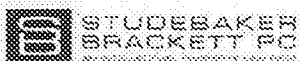
**NOW**, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

The undersigned hereby grants the law firm of STUDEBAKER & BRACKETT PC the power to insert on the Assignment portion of this combined Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

This combined Declaration and Assignment has been executed by the undersigned on the date opposite the undersigned name.



Attorney Docket No. G20160150(US) (16U01P140US)

発明者氏名 菅沼 克昭	Legal Name of Inventor Katsuki SUGANUMA
発明者の署名 日付	Signature Date Jan 23, 2019
発明者氏名 長尾 至成	Legal Name of Inventor Shin NAGAO
発明者の署名 日付	Signature Date Jan 23, 2019
発明者氏名 下山 章夫	Legal Name of Inventor Akio SHIMOYAMA
発明者の署名 日付	Signature Date Jan 23, 2019
発明者氏名 関 伸弥	Legal Name of Inventor Shinya SEKI
発明者の署名 日付	Signature Date Jan 29, 2019

PATENT

RECORDED: 02/08/2019

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