

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MASATO SAITO	03/04/2016
EIICHI TAMIYA	03/04/2016
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15021087
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ATTORNEY DOCKET NUMBER:	006300-000023
NAME OF SUBMITTER:	DONALD R. STUDEBAKER
SIGNATURE:	/Donald R. Studebaker/
DATE SIGNED:	03/10/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 4	
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DECLARATION

I, Keiko Higuchi, 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 National Stage Application based off PCT/JP2014/056002 and claiming priority to JP Patent Application No. 2013-188277 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: 3/10/2016

Signed: 

**COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION
FOR UNITED STATES LETTERS PATENT**

Title of Invention:

**THERMAL CONVECTION GENERATING CHIP, THERMAL CONVECTION
GENERATING DEVICE, AND THERMAL CONVECTION GENERATING METHOD**

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/JP2014/056002 であり、且つ
2014年3月7日 の日に出願された出願（該当
する場合）

- The attached application, or
 United States application or PCT international
application number PCT/JP2014/056002
filed on Mar. 7, 2014

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
する原発明者であるか、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 Masato SAITO and Eiichi TAMIYA
hereinafter referred to as the assignor, has invented a certain improvement relating to:

**THERMAL CONVECTION GENERATING CHIP, THERMAL CONVECTION
GENERATING DEVICE, AND THERMAL CONVECTION GENERATING METHOD.**

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 March 7, 2014, as Serial No. PCT/JP2014/056002, the United States of America being designated.

AND WHEREAS OSAKA UNIVERSITY

of 1-1, Yamadaoka, Suita-shi, Osaka 565-0671, 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.

発明者氏名 齋藤 真人	Legal Name of Inventor Masato SAITO
発明者の署名	Signature <i>Masato Saito</i>
日付	Date March 4, 2016

発明者氏名 民谷 栄一	Legal Name of Inventor Eichi TAMAYA		
発明者の署名	日付	Signature <i>Eichi Tamaya</i>	Date March 4, 2016