

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
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<b>Name</b>	<b>Execution Date</b>
NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY	02/21/2013
<b>RECEIVING PARTY DATA</b>	
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<b>Postal Code:</b>	464-8601
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16884365
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<b>NAME OF SUBMITTER:</b>	DEXTER T. CHANG
<b>SIGNATURE:</b>	/Dexter T. Chang/
<b>DATE SIGNED:</b>	05/27/2020
<b>Total Attachments: 6</b>	

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CONFIRMATORY ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEES to ASSIGNOR of good and valuable consideration, the previous receipt of which is hereby acknowledged,

ASSIGNOR:

National University Corporation Nagoya University  
1, Furo-cho, Chikusa-ku  
Nagoya-shi, Aichi, 464-8601  
JAPAN

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confirms the prior sale, assignment, and transfer to, and further hereby sells, assigns, and transfers to, ASSIGNEES, each with 50% ownership:

Japan Science and Technology Agency  
1-8, Honcho 4-chome  
Kawaguchi-shi, Saitama 332-0012  
JAPAN

and

National University Corporation Nagoya University  
1, Furo-cho, Chikusa-ku  
Nagoya-shi, Aichi, 464-8601  
JAPAN

and the successors, assigns, and legal representatives of ASSIGNEES, the entire right, title, and interest for the United States and its territories and possessions, including all rights to claim priority, in and to the following inventions:

Japanese Patent Application No. 2012-047053.  
Japanese Patent Application No. 2013-003748.  
Sale, assignment, and transfer executed on: February 21, 2013.

and

Title: BUBBLE JETTING MEMBER AND METHOD FOR PRODUCING  
SAME, GAS/LIQUID JETTING MEMBER AND METHOD FOR  
PRODUCING SAME, LOCALIZED ABLATION DEVICE AND  
LOCALIZED ABLATION METHOD, INJECTION DEVICE AND  
INJECTION METHOD, PLASMA BUBBLE JETTING MEMBER, AND  
THERAPEUTIC DEVICE AND THERAPEUTIC METHOD.

U.S. Appl. Ser. No.: 14/382,012.  
U.S. National Stage Entry Date: August 29, 2014.  
PCT No.: PCT/JP2013/055703.

PCT Filing Date: March 1, 2013.

the latter of which claims priority to the applications listed in the following table:

COUNTRY	APPLICATION NO.	FILING DATE
Japan	2012-047053	March 2, 2012
Japan	2013-003748	January 11, 2013

including any and all improvements disclosed therein, and in and to all Letters Patent to be obtained for said invention by the above application, and any continuation, continuation-in-part, divisional, renewal, and substitute thereof, and, as to Letters Patent, any reissue, re-examination, and post-issuance review and proceeding thereof.

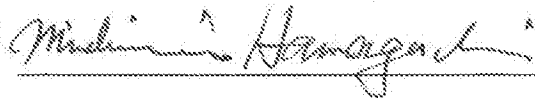
ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been, or will be, made or entered into which would conflict with this Confirmatory Assignment.

ASSIGNOR authorizes ASSIGNEES to make applications for, and to receive, Letters Patent for said invention for the United States and its territories and possessions, in ASSIGNEES' names, or in ASSIGNOR'S name, at ASSIGNEES' election.

ASSIGNOR covenants and agrees to execute or procure any further necessary assurance of the title to said invention, and any Letters Patent which may issue therefor, and to, at any time, upon the request and at the expense of ASSIGNEES, deliver any testimony in any interference, derivation, litigation, or proceeding related thereto, and to execute all papers that may be necessary or desirable to perfect the title to said invention, or any Letters Patent which may be granted therefor in ASSIGNEES, their successors, assigns, or other legal representatives, and to, at any time, upon the request and at the expense of ASSIGNEES, execute any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue, re-examination, or post-issuance review or proceeding thereof, or any other additional applications for Letters Patent for said invention or any part thereof, for the United States and its territories and possessions, all of which applications and any Letters Patent issuing thereon hereby being assigned to ASSIGNEES, will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEES, their successors, assigns, or other legal representatives.

ASSIGNOR authorizes and requests the Commissioner for Patents to issue any and all Letters Patent of the United States and its territories and possessions for said invention, resulting from the aforesaid application, to Japan Science and Technology Agency and National University Corporation Nagoya University, as the ASSIGNEES.

WITNESS my hand and seal on:



\_\_\_\_\_  
Date

National University Corporation Nagoya University

## 共同出願契約書

独立行政法人科学技術振興機構（以下「甲」という。）と国立大学法人名古屋大学（以下「乙」という。）とは、甲と乙が平成24年4月1日付けで締結した「事業名：戦略的創造研究推進事業（個人型研究（さきがけ）」、「研究領域名：ナノシステムと機能創発」「研究代表者：山西陽子」の「研究課題名：ナノ電気メスによる高精度細胞センシング・加工システム」に係る委託研究契約書（以下、「先の研究契約書」）第9条の規定に拘らず、甲及び乙に所属する研究者山西陽子の寄与率50%、乙に所属する研究者の寄与率50%を反映させて共同出願するにあたり、以下の通り契約する。

甲の研究者：山西陽子

乙の研究者：新井史人 栗木宏樹 佐久間臣郎 山西陽子

（対象発明）

第1条 乙は、下記に掲げる1及び2の発明に係る特許を受ける権利及び特許権（以下「本特許権等」という。）を所有している。

1. 出願番号 : 特願2012-047053号  
出願日 : 2012年3月2日  
発明の名称 : 「切削用具および局所アブレーション方法」  
甲の整理番号 : K035P19 : 乙の整理番号 : C20110289
2. 出願番号 : 特願2013-003748号  
出願日 : 2013年1月11日  
発明の名称 : 「局所アブレーション装置及びインジェクション方式」  
甲の整理番号 : K035P36 : 乙の整理番号 : C20120181

（出願）

第2条 乙は、甲に対し「本特許権等」の持分50%の無償譲渡することで、甲及び乙がそれぞれ50%の持分を所有する。

2. 前項の結果、甲及び乙は、甲乙の名義で『「本件特許権等」を基礎とするPCT出願及び台湾出願』（以下「本件出願」という。）を共同で行うものとする。
3. 甲及び乙は、前項の台湾出願、PCT出願及びその各国移行出願についても、出願人持分割合として甲50%、乙50%を有するものとする。



平成25年2月21日

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