

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3336295

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAKEHIKO SEGAWA	02/16/2015
TAKAYUKI MATSUNUMA	02/16/2015
TIMOTHY JUKES	02/16/2015
RECEIVING PARTY DATA	
Name:	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY
Street Address:	3-1, KASUMIGASEKI 1-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8921
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14420015
CORRESPONDENCE DATA	
Fax Number:	(212)704-6288
<i>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.</i>	
Phone:	2127046000
Email:	IPServicesNYC@troutmansanders.com
Correspondent Name:	TROUTMAN SANDERS LLP
Address Line 1:	875 THIRD AVENUE
Address Line 4:	NEW YORK, NEW YORK 10022
ATTORNEY DOCKET NUMBER:	247159.000002
NAME OF SUBMITTER:	DWIGHT PECK
SIGNATURE:	/Dwight Peck/
DATE SIGNED:	05/01/2015
Total Attachments: 4	
source=PTO-ASSIGNMENT-NIAIST2#page1.tif	
source=PTO-ASSIGNMENT-NIAIST2#page2.tif	
source=PTO-ASSIGNMENT-NIAIST2#page3.tif	

ASSIGNMENT

WHEREAS, I/We,

Takehiko SEGAWA

Takayuki MATSUNUMA

Timothy JUKES

(collectively referred to as "ASSIGNOR"), have invented certain improvements in:

SURFACE PLASMA ACTUATOR

- for which a U.S. Non-Provisional Patent Application was filed _____ (date) and provided Serial No. ____/____/____;
- for which a PCT International Application was filed June 24, 2013 and provided Application No. PCT/JP2013/067265;
- OR
- which is filed concurrently herewith;

and for which future applications may be filed, (collectively referred to as the "Application"),

whereas the above-identified Application was made or authorized to be made by me/us, and I/we believe that I/we am/are the original inventor(s) or original joint inventor(s) of a claimed invention in the Application, and

whereas

**NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL
SCIENCE AND TECHNOLOGY
3-1, Kasumigaseki 1-chome, Chiyoda-ku Tokyo 100-8921 Japan**

("ASSIGNEE") desires to purchase all of ASSIGNOR's rights in same;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid by the said ASSIGNEE, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has and by these presents does hereby sell, assign, transfer and convey unto said ASSIGNEE all of ASSIGNOR's rights, title, and interest in and to said Application, including in and to any patent application whether conventional, design, divisional, continuation, continuation-in-part, substitution, reissue, renewal, reexam, continued prosecution application ("CPA"), or request for continued examination ("RCE") thereof, and in and to all inventions and improvements thereon, (herein collectively referred to as "Related US Applications"), preparatory to obtaining Letters Patent of the United States therefore; and ASSIGNOR hereby requests the Commissioner of Patents and Trademarks to issue any and all

Letters Patent of the United States resulting from said Application and Related US Applications, to ASSIGNEE, for its interest and for the sole use and benefit of ASSIGNEE and its assigns and legal representatives.

For the same consideration, ASSIGNOR, by these presents does sell, assign, and transfer to ASSIGNEE all of ASSIGNOR's rights, title and interest in and to any foreign and international applications related to and/or seeking benefit of said Application and Related US Applications, and in and to all inventions and improvements thereon (herein collectively referred to as "Related Foreign Applications"), in and to any Letters Patent and similar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of ASSIGNEE or its designee, insofar as permitted by applicable law.

For the same consideration, ASSIGNOR agrees, without charge to ASSIGNEE, but at ASSIGNEE'S expense, to sign all lawful papers, execute said Application, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid ASSIGNEE its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

AND, for the same consideration, ASSIGNOR also hereby sells, assigns and transfers unto ASSIGNEE all of ASSIGNOR's rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Application, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment.

SIGNED this 16th day of February, 2015 :

Takehiko SEGAWA
Name


Signature

SIGNED this 16th day of February, 2015 :

Takayuki MATSUNUMA
Name


Signature

SIGNED this _____ day of _____, 20 _____ :

Timothy JUKES
Name

Signature

ASSIGNMENT

WHEREAS, I/We,

Takehiko SEGAWA

Takayuki MATSUNUMA

Timothy JUKES

(collectively referred to as "ASSIGNOR"), have invented certain improvements in:

SURFACE PLASMA ACTUATOR

for which a U.S. Non-Provisional Patent Application was filed _____ (date) and provided Serial No. ____/____/____;

for which a PCT International Application was filed June 24, 2013 and provided Application No. PCT/JP2013/067265 ;

OR

which is filed concurrently herewith;

and for which future applications may be filed, (collectively referred to as the "Application"),

whereas the above-identified Application was made or authorized to be made by me/us, and I/we believe that I/we am/are the original inventor(s) or original joint inventor(s) of a claimed invention in the Application, and

whereas

**NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL
SCIENCE AND TECHNOLOGY**

3-1, Kasumigaseki 1-chome, Chiyoda-ku Tokyo 100-8921 Japan

("ASSIGNEE") desires to purchase all of ASSIGNOR's rights in same;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid by the said ASSIGNEE, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has and by these presents does hereby sell, assign, transfer and convey unto said ASSIGNEE all of ASSIGNOR's rights, title, and interest in and to said Application, including in and to any patent application whether conventional, design, divisional, continuation, continuation-in-part, substitution, reissue, renewal, reexam, continued prosecution application ("CPA"), or request for continued examination ("RCE") thereof, and in and to all inventions and improvements thereon, (herein collectively referred to as "Related US Applications"), preparatory to obtaining Letters Patent of the United States therefore; and ASSIGNOR hereby requests the Commissioner of Patents and Trademarks to issue any and all

Letters Patent of the United States resulting from said Application and Related US Applications, to ASSIGNEE, for its interest and for the sole use and benefit of ASSIGNEE and its assigns and legal representatives.

For the same consideration, ASSIGNOR, by these presents does sell, assign, and transfer to ASSIGNEE all of ASSIGNOR's rights, title and interest in and to any foreign and international applications related to and/or seeking benefit of said Application and Related US Applications, and in and to all inventions and improvements thereon (herein collectively referred to as "Related Foreign Applications"), in and to any Letters Patent and similar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of ASSIGNEE or its designee, insofar as permitted by applicable law.

For the same consideration, ASSIGNOR agrees, without charge to ASSIGNEE, but at ASSIGNEE'S expense, to sign all lawful papers, execute said Application, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid ASSIGNEE its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

AND, for the same consideration, ASSIGNOR also hereby sells, assigns and transfers unto ASSIGNEE all of ASSIGNOR's rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Application, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment.

SIGNED this _____ day of _____, 20_____ :

Takehiko SEGAWA _____
Name Signature

SIGNED this _____ day of _____, 20_____ :

Takayuki MATSUNUMA _____
Name Signature

SIGNED this 16th day of FEBRUARY, 2015 :

Timothy JUKES _____
Name Signature