502786663 04/29/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUICHIRO KATSUMOTO	01/02/2013
HIDEAKI NII	01/02/2013
MASAHIKO INAKAGE	01/02/2013

RECEIVING PARTY DATA

Name:	NATIONAL UNIVERSITY OF SINGAPORE
Street Address:	21 LOWER KENT RIDGE ROAD
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	119077
Name:	KEIO UNIVERSITY GRADUATE SCHOOL OF MEDIA DESIGN
Street Address:	2F COLLABORATION COMPLEX, 4-1-1 HIYOSHI KOHOKU-KU
Internal Address:	KANAGAWA
City:	YOKOHAMA-CITY
State/Country:	JAPAN
Postal Code:	223-8526

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14352609

CORRESPONDENCE DATA

Fax Number: (732)935-7122

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 732-935-7100

Correspondent Name: MOSER TABOADA/ERIC J. MARTINEAU

Address Line 1: 1030 BROAD STREET

Address Line 2: SUITE 203

Address Line 4: SHREWSBURY, NEW JERSEY 07702

ATTORNEY DOCKET NUMBER: SF10104US

NAME OF SUBMITTER: ERIC J. MARTINEAU

PATENT

502786663 REEL: 032775 FRAME: 0231

SIGNATURE:	/Eric J. Martineau/
DATE SIGNED:	04/29/2014
Total Attachments: 5	
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ASSIGNMENT

THIS ASSIGNMENT is made this 2nd January 2013 between:

Yuichiro KATSUMOTO, a citizen of Japan c/o National University of Singapore of 21 Lower Kent Ridge Road, Singapore 119077;

Hideaki NII, a citizen of Japan elo National University of Singapore of 21 Lower Kent Ridge Road, Singapore 119077; and 4-45-18-501 Sengoku Bunkyoku Tokyo 11200111ank

Masahiko INAKAGE, a citizen of Japan c/o Keio University of 2F Collaboration Complex 4-1-1 Hiyoshi Kohoku-ku Yokohama-city, Kanagawa, Japan 223-8526

("the Assignors") of the one part; and

NATIONAL UNIVERSITY OF SINGAPORE of 21 Lower Kent Ridge Road, Singapore 119077; and

KEIO UNIVERSITY GRADUATE SCHOOL OF MEDIA DESIGN of 2F Collaboration Complex 4-1-1 Hiyoshi Kohoku-ku Yokohama-city, Kanagawa, Japan 223-8526

("the Assignees") of the other part.

WHEREAS

- A. The Assignors jointly developed an invention relating to "An Array of Elements and A Human-Computer Interface Device" ("the Invention"), which has been filed as U.S. Provisional Application No. 61/549,968 on 21 October 2011, and Patent Cooperation Treaty (PCT) Application No. PCT/SG2012/000395 on 19 October 2012 claiming priority to U.S. Provisional Application No. 61/549,968 on 21 October 2011 ("Patent Applications").
- B. The Assignors have previously agreed to assign and transfer to the Assignees all their rights, title and interests in the Invention and Patent Applications in all countries in the world ("the Territory") and that the Assignees should be substituted as the applicant in its place. They wish to formalise and confirm the assignment in this agreement ("Assignment").

NOW THIS ASSIGNMENT WITNESSETH AS FOLLOWS:

In consideration of the sum of One Singapore dollar (S\$1) now paid by the Assignees to the Assignors, receipt of which the Assignors hereby acknowledge, the Assignors assign to the Assignees, free from all encumbrances, all right, title and interest in respect of the Invention and the Patent Applications, all divisions, continuations or reissues filed thereon, all patents granted thereon, and TOGETHER WITH their right to apply for and obtain patents or other similar forms of protection in respect of the Invention or any part or parts of the Invention in the Territory and the right to claim priority of the Patent Applications when making applications in the Territory

TOGETHER WITH the right to bring proceedings for infringement in the Territory for any previous infringement TO HOLD the same unto the Assignees and its successors and assign absolutely.

- The Assignors hereby covenant with the Assignees that the Assignors have the full right to convey the entire interest here assigned, have not done or knowingly suffered or been party or privy to any act or thing whereby the Assignors are prevented from assigning the Invention and the Patent Applications, and have not and will not execute any agreement in conflict herewith. The Assignors undertake they will not publish or disclose any particulars of the Invention and the Patent Applications to any person without the prior written consent of the Assignees.
- 3. At the request and cost of the Assignees, the Assignors shall execute all such documents and do all such acts as may be necessary to enable the Assignees or their successors, assigns, or other legal representatives to enjoy the full benefit of the rights confirmed and assigned by this Assignment including applying for and obtaining a patent or patents or other similar forms of protection in respect of the Invention in the Territory, vesting their right in the same in the Assignees when obtained, and testifying as to facts relating to the application and patents granted thereon in any litigation when requested to do so without further compensation, but at the expense of Assignees, their successors or other legal representatives.
- 4. This Assignment may be entered into in any number of counterparts, all of which taken together shall constitute one and the same instrument. Any party hereto may enter into this Assignment by signing any such counterpart.

IN WITNESS whereof the Assignors and Assignees have hereunto executed this Assignment the date and year first above written.

Assignors

勝本雄 一朔	KOH SUEDA J. OD JES
Yuichiro KATSUMOTO	Witness Name and signature
Whi.	Nacko KITAMURA
Hideaki NII	Witness Name and signature
Masahiko INAKAGE	Witness Name and signature

TOGETHER WITH the right to bring proceedings for infringement in the Territory for any previous infringement TO HOLD the same unto the Assignees and its successors and assign absolutely.

- 2. The Assignors hereby covenant with the Assignees that the Assignors have the full right to convey the entire interest here assigned, have not done or knowingly suffered or been party or privy to any act or thing whereby the Assignors are prevented from assigning the Invention and the Patent Applications, and have not and will not execute any agreement in conflict herewith. The Assignors undertake they will not publish or disclose any particulars of the Invention and the Patent Applications to any person without the prior written consent of the Assignees.
- 3. At the request and cost of the Assignees, the Assignors shall execute all such documents and do all such acts as may be necessary to enable the Assignees or their successors, assigns, or other legal representatives to enjoy the full benefit of the rights confirmed and assigned by this Assignment including applying for and obtaining a patent or patents or other similar forms of protection in respect of the Invention in the Territory, vesting their right in the same in the Assignees when obtained, and testifying as to facts relating to the application and patents granted thereon in any litigation when requested to do so without further compensation, but at the expense of Assignees, their successors or other legal representatives.
- 4. This Assignment may be entered into in any number of counterparts, all of which taken together shall constitute one and the same instrument. Any party hereto may enter into this Assignment by signing any such counterpart.

IN WITNESS whereof the Assignors and Assignees have hereunto executed this Assignment the date and year first above written.

<u>Assignors</u>

Yuichiro KATSUMOTO	Witness Name and signature
Hideaki NII	Witness Name and signature
Myndrey	KEIKO OKAWA Dela Colin
Masahiko INAKAGE	Witness Name and signature

Assignee Signed for and on behalf of NATIONAL UNIVERSITY OF SINGAPORE	in the presence of
Lore	Novira 63°
Irene Cheong Director Industry Liaison Office NUS	Witness Name and signature
Signed for and on behalf of KEIO UNIVERSITY GRADUATE SCHOOL OF MEDIA DESIGN	in the presence of
	Witness Name and signature

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<u>Assignee</u>
Signed for and on behalf of
NATIONAL UNIVERSITY OF
SINGAPORE

in the presence of

Witness Name and signature

Signed for and on behalf of KEIO UNIVERSITY GRADUATE SCHOOL OF MEDIA DESIGN

MASAHIKO INAKAGE

in the presence of

KEIKO OKAWA

Witness Name and signature

PATENT REEL: 032775 FRAME: 0237

RECORDED: 04/29/2014