504170828 01/10/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4217506

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BARBAROS ÖZYILMAZ	07/23/2015
EESHAN SANDEEP KULKARNI	07/23/2015
SASCHA PIERRE HUESSLER	07/23/2015
ANTONIO HELIO CASTRO NETO	07/23/2015
HENRIK ANDERSEN	07/23/2015

RECEIVING PARTY DATA

Name:	NATIONAL UNIVERSITY OF SINGAPORE	
Street Address:	21 LOWER KENT RIDGE ROAD	
City:	SINGAPORE	
State/Country:	SINGAPORE	
Postal Code:	119077	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15323243

CORRESPONDENCE DATA

Fax Number: (978)341-0136

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.

Phone: 978-341-0036

Email: kellie.varno@hbsr.com
Correspondent Name: ALICE O. CARROLL, ESQ.

Address Line 1: 530 VIRGINIA ROAD, P.O. BOX 9133

Address Line 2: HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Address Line 4: CONCORD, MASSACHUSETTS 01742-9133

TTORNEY DOCKET NUMBER: 4459.1125-001		
NAME OF SUBMITTER: KELLIE J. VARNO		
SIGNATURE:	/Kellie J. Varno/	
DATE SIGNED: 01/10/2017		

Total Attachments: 2

PATENT REEL: 040930 FRAME: 0834

504170828

source=4459.1125-001 Assignment#page1.tif source=4459.1125-001 Assignment#page2.tif

PATENT REEL: 040930 FRAME: 0835

ASSIGNMENT

THIS ASSIGNMENT is made this 23rd of July 2015 between:

Barbaros ÖZYILMAZ, a citizen of Germany c/o National University of Singapore of 21 Lower Kent Ridge Road, Singapore 119077;

Eeshan Sandeep KULKARNI, a citizen of Australia c/o National University of Singapore of 21 Lower Kent Ridge Road, Singapore 119077;

Sascha Pierre HEUSSLER, a citizen of German c/o National University of Singapore of 21 Lower Kent Ridge Road, Singapore 119077;

Antonio Helio CASTRO NETO, a citizen of Brazil c/o National University of Singapore of 21 Lower Kent Ridge Road, Singapore 119077;

Henrik ANDERSEN, a citizen of Denmark c/o National University of Singapore of 21 Lower Kent Ridge Road, Singapore 119077;

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

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

("the Assignee") of the other part.

WHEREAS

- A. The Assignors jointly developed an invention relating to "<u>Human-Machine Interface With Graphene-Pyroelectric Materials</u>" ("the Invention"), which has been filed as U.S. Application No. 62/021,770 on 8 July 2014, and Patent Cooperation Treaty (PCT) Application No. PCT/SG2015/050201 on 7 July 2015 claiming priority to U.S. Application No. 62/021,770 on 8 July 2014 ("Patent Applications").
- B. The Assignors have previously agreed to assign and transfer to the Assignee all their rights, title and interests in the Invention and Patent Applications in all countries in the world ("the Territory") and that the Assignee 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 Assignee to the Assignors, receipt of which the Assignors hereby acknowledge, the Assignors assign to the Assignee, 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 Assignee and its successors and assign absolutely.
- 2. The Assignors hereby covenant with the Assignee 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

PATENT REEL: 040930 FRAME: 0836 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 Assignee.

- At the request and cost of the Assignee, the Assignors shall execute all such documents and do all such acts as may be necessary to enable the Assignee or its 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 Assignee 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 Assignee, its successors or other legal representatives.
- 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 Assignee have hereunto executed this Assignment the date and year first above written.

<u> </u>	
	L
1112	TAN JUN YOU AM
/barbaros ÖZNY,MAZ	Witness Name and signature
	Sanvaran Nataryan Stleteza
Eeshap Sandeep KUHSARNI	Witness Name and signature
	EESHAN KULKARNI
Sgodhá Pierre HEUSSLER	Witness Name and signature
	1 1 0 0 .
~#~###################################	Clubato.
Antonio Helio CASTRO NETO	Witness Name and signature
1 / / /2=	10, 7
	Wa Time Walke
Henrik ANDERSEN	Witness Name and signature
PERIN APPEROEN	Anthese Mante girt sittistime (
<u>Assignee</u>	
Signed for and on behalf of	in the presence of
NATIONAL UNIVERSITY OF SINGAPORE	
	· - 0 A
	Clarice Lim Ila
Sean P. Flanigam	Witness Name and signature
Director	
ipetistry Ligistin Office	
The state of the s	

PATENT REEL: 040930 FRAME: 0837

RECORDED: 01/10/2017