

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4079335

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BARBAROS OZYILMAZ	02/04/2015
ANDREAS VOLKER STIER	02/04/2015
CHEE TAT TOH	02/04/2015
ANTONIO HELIO CASTRO NETO	02/04/2015
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:	15116364
CORRESPONDENCE DATA	
Fax Number:	(978)341-0136
<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:	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
ATTORNEY DOCKET NUMBER:	4459.1119-001
NAME OF SUBMITTER:	KELLIE J. VARNO
SIGNATURE:	/Kellie J. Varno/
DATE SIGNED:	09/29/2016
Total Attachments: 4	
source=4459.1119-001 Assignment#page1.tif	
source=4459.1119-001 Assignment#page2.tif	

source=4459.1119-001 Assignment#page3.tif

source=4459.1119-001 Assignment#page4.tif

ASSIGNMENT

THIS ASSIGNMENT is made this **4th** day of February 2015 between:

Barbaros OZYILMAZ, a citizen of **Germany**

c/o National University of Singapore, Faculty of Science / Department of Physics
21 Lower Kent Ridge Road, Singapore 119077;

Andreas Volker STIER, a citizen of **Germany**

c/o National University, Faculty of Science / Department of Physics of Singapore
21 Lower Kent Ridge Road, Singapore 119077;

Chee Tat TOH, a citizen of **Singapore**

c/o National University of Singapore Faculty of Science / Department of Physics
21 Lower Kent Ridge Road, Singapore 119077;

Antonio Helio CASTRO NETO, a citizen of **Brazil**

c/o National University of Singapore, Faculty of Science / Department of Physics
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 "Method of Pulsed Laser-Based Large Area Graphene Synthesis on Metallic and Crystalline Substrates" ("the Invention"), which has been filed as U.S. Application No. 61/935,535 on 4 February 2014, and Patent Cooperation Treaty (PCT) Application No. PCT/SG2015/000029 on 4 February 2015, claiming priority to U.S. Application No. 61/935,535 on 4 February 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:

1. 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 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.

3. 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.
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 Assignee have hereunto executed this Assignment the date and year first above written.

Assignors

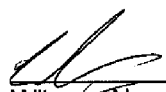

Barbaros OZYILMAZ


Witness Name and signature

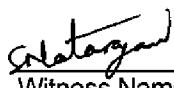
Andreas Volker STIER

Witness Name and signature


Chee Tat TOH

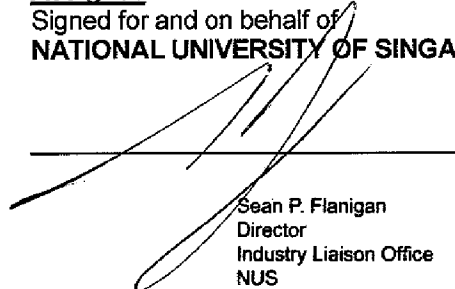

Witness Name and signature


Antonio Helio CASTRO NETO


Witness Name and signature

Assignee

Signed for and on behalf of
NATIONAL UNIVERSITY OF SINGAPORE


Sean P. Flanigan
Director
Industry Liaison Office
NUS

in the presence of


Witness Name and signature

ASSIGNMENT

THIS ASSIGNMENT is made this 4th day of February 2015 between:

Barbaros OZYILMAZ, a citizen of **Germany**

c/o National University of Singapore, Faculty of Science / Department of Physics
21 Lower Kent Ridge Road, Singapore 119077;

Andreas Volker STIER, a citizen of **Germany**

c/o National University, Faculty of Science / Department of Physics of Singapore
21 Lower Kent Ridge Road, Singapore 119077;

Chee Tat TOH, a citizen of **Singapore**

c/o National University of Singapore Faculty of Science / Department of Physics
21 Lower Kent Ridge Road, Singapore 119077;

Antonio Helio CASTRO NETO, a citizen of **Brazil**

c/o National University of Singapore, Faculty of Science / Department of Physics
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 "Method of Pulsed Laser-Based Large Area Graphene Synthesis on Metallic and Crystalline Substrates" ("the Invention"), which has been filed as U.S. Application No. 61/935,535 on 4 February 2014, and Patent Cooperation Treaty (PCT) Application No. PCT/SG2015/000029 on 4 February 2015, claiming priority to U.S. Application No. 61/935,535 on 4 February 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:

1. 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 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.

3. 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.
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 Assignee have hereunto executed this Assignment the date and year first above written.

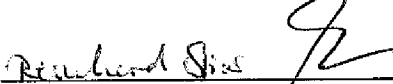
Assignors

Barbaros OZYILMAZ



Andreas Volker **STIER**

Witness Name and signature



Witness Name and signature

Chee Tat **TOH**

Witness Name and signature

Antonio Helio **CASTRO NETO**

Witness Name and signature

Assignee

Signed for and on behalf of
NATIONAL UNIVERSITY OF SINGAPORE

in the presence of

Witness Name and signature