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## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ALFREDO FRANCO-OBREGON	06/01/2016
CHUEN NENG LEE	06/01/2016
WEE CHUAN MELVIN LOH	06/08/2016
JÜRG HANS FRÖHLICH	06/03/2016
CHRISTIAN BEYER	06/07/2016
TIEN MIN DAVID LAI	06/01/2016

## **RECEIVING PARTY DATA**

Name:	NATIONAL UNIVERSITY OF SINGAPORE
Street Address:	21 LOWER KENT RIDGE ROAD
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	119077
Name:	ETH ZURICH
Name: Street Address:	ETH ZURICH RAEMISTRASSE 101/ETH TRANSFER
Street Address:	RAEMISTRASSE 101/ETH TRANSFER

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15571687

## **CORRESPONDENCE DATA**

**Fax Number:** (713)228-8778

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	17442/031001	
NAME OF SUBMITTER:	JEFFREY S. BERGMAN	
SIGNATURE:	/Jeffrey S. Bergman/	
DATE SIGNED:	11/08/2017	
Total Attachments: 7 source=031-Assn_filed#page1.tif		
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#### ASSIGNMENT

THIS ASSIGNMENT is made this 30th of May 2016 between:

Alfredo FRANCO-OBREGON, a citizen of the United States of America c/o National University of Singapore of 21 Lower Kent Ridge Road, Singapore 119077;

LEE Chuen Neng, a citizen of Singapore c/o National University of Singapore of 21 Lower Kent Ridge Road, Singapore 119077;

LOH Wee Chuan, Melvin, a citizen of Singapore c/o National University of Singapore of 21 Lower Kent Ridge Road, Singapore 119077;

Jurg Hans FRÖHLICH, a citizen of Switzerland c/o Sonneggstrasse 60, 8006 Zurich, Switzerland;

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Rosers \*sse M. 4 600 Otten
Christian BEYER, a citizen of Germany c/o Höhenring 17, 8052 Zurich, Switzerland;

LAI Tien Min, David, a citizen of Australia 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: and

ETH ZURICH of Raemistrasse 101 / ETH transfer, 8092 Zurich, Switzerland

("the Assignees") of the other part.

#### **WHEREAS**

- The Assignors jointly developed an invention relating to "System and Method For Applying Pulsed Electromagnetic Fields" ("the Invention"), which has been filed as Patent Cooperation Treaty (PCT) Application No. PCT/SG2016/050208 on 5 May 2016 claiming priority to Singapore Non-Provisional Application No. 10201503520V on 5 May 2015 and U.S. Provisional Application No. 62/263,042 on 4 December 2015 ("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 1. to the Assignors, receipt of which the Assignors hereby acknowledge, the Assignors

> 22511 PATENT TRADEMARK OFFICE

ILO Ref: 14224N-MER-PCT PCT Assignment Page 1 of 3

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THIS ASSIGNMENT is made this 30th of May 2016 between:

**Alfredo FRANCO-OBREGON**, a citizen of the United States of America c/o National University of Singapore of 21 Lower Kent Ridge Road, Singapore 119077;

**LEE Chuen Neng**, a citizen of Singapore c/o National University of Singapore of 21 Lower Kent Ridge Road, Singapore 119077;

**LOH Wee Chuan, Melvin**, a citizen of Singapore c/o National University of Singapore of 21 Lower Kent Ridge Road, Singapore 119077;

Jurg Hans FRÖHLICH, a citizen of Switzerland c/o Sonneggstrasse 60, 8006 Zurich, Switzerland;

Christian BEYER, a citizen of Germany c/o Höhenring 17, 8052 Zurich, Switzerland;

**LAI Tien Min, David**, a citizen of Australia 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; and

ETH ZURICH of Raemistrasse 101 / ETH transfer, 8092 Zurich, Switzerland

("the Assignees") of the other part.

#### **WHEREAS**

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- 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").

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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.

- 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.

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<u>Assignors</u>	
Alfredo FRANÇO-OBREGON  LEE Chuen Meng	Witness Name and signature  Witness Name and signature  Witness Name and signature  CECILIFICATION
LOH Wee Chuan, Melvin	Witness Name and signature 2016
Jurg Hans FRÖHLICH	Witness Name and signature
Christian BEYER  LAI Tien Min, David  LOUIS LOUI	Witness Name and signature  Cultur (6   4  Witness Name and signature  Coel UP-UM
Assignees Signed for and on behalf of NATIONAL UNIVERSITY OF SINGAPORE	in the presence of
	Witness Name and signature
Signed for and on behalf of ETH ZURICH	in the presence of
	Witness Name and signature

ILO Ref: 14224N-MER-PCT PCT Assignment Page 3 of 3

# Alfredo FRANCO-OBREGON Witness Name and signature LEE Chuen Neng Witness Name and signature LOH Wee Chuan, Melvin Witness Name and signature Jurg Hans FRÖHLICH Witness Name and signature Witness Name and signature LAI Tien Min, David Witness Name and signature **Assignees** Signed for and on behalf of in the presence of **NATIONAL UNIVERSITY OF SINGAPORE** Witness Name and signature Signed for and on behalf of in the presence of **ETH ZURICH** Witness Name and signature

**Assignors** 

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PATENT TRADEMARK OFFICE

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## Alfredo FRANCO-OBREGON Witness Name and signature LEE Chuen Neng Witness Name and signature LOH Wee/Chuar/, Melvin Witness Name and signature Jürg Hans FRÖHLICH Christian BEYER Witness Name and signature LAI Tien Min, David Witness Name and signature **Assignees** Signed for and on behalf of in the presence of **NATIONAL UNIVERSITY OF SINGAPORE** Witness Name and signature Signed for and on behalf of in the presence of **ETH ZURICH** Witness Name and signature

**Assignors** 

## <u>Assignors</u> Alfredo FRANCO-OBREGON Witness Name and signature LEE Chuen Neng Witness Name and signature LOH Wee Chuan, Melvin Witness Name and signature Jurg Hans FRÖHLICH Witness Name and signature Christian BEYER Witness Name and signature LAI Tien Min, David Witness Name and signature **Assignees** Signed for and on behalf of in the presence of **NATIONAL UNIVERSITY OF SINGAPORE** Sean P Flanigen Witness Name and signature Industry Liaison Office NUS Signed for and on behalf of in the presence of **ETH ZURICH**

22511

Technology and Licensing Manager ETH Zerich - Tachnology Transfer Office Witness Name and signature

CORDELIA STANGER

PATENT REEL: 044083 FRAME: 0102

**RECORDED: 11/09/2017**