### 503919318 07/18/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3965971

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ADA SHUK YAN POON	07/08/2016
ALEXANDER JUESHYAN YEH	04/01/2016
YUJI TANABE	07/11/2016
JOHN HO	04/04/2016
SANGHOEK KIM	06/20/2016

#### **RECEIVING PARTY DATA**

Name:	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
Street Address:	3000 EL CAMINO REAL, BUILDING 5
Internal Address:	SUITE 300
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94306-2100

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15022374

#### **CORRESPONDENCE DATA**

Fax Number:

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.

**Email:** request@slwip.com

Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER, P.A.

Address Line 1: P.O. BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

Talal Allas base and a O	
DATE SIGNED:	07/18/2016
SIGNATURE:	/Diana Johnson/
NAME OF SUBMITTER:	DIANA JOHNSON
ATTORNEY DOCKET NUMBER:	4370.002US1

Total Attachments: 8

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# RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 4370.002US1 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: The Board of Trustees of the Leland Stanford Ada Shuk Yan Poon, Alexander Jueshyan Yeh, Yuji Junior University Tanabe, John Ho, Sanghoek Kim Street Address: 3000 El Camino Real, Building 5, Suite Additional name(s) of conveying party(ies) attached? City: Palo Alto State: CA Zip: Country: United States of America [ ]Yes [X]No Zip: <u>94306-2100</u> 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes [X]No [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other Execution Date: <u>July 8, 2016</u>, <u>April 1, 2016</u>, <u>July 11</u>, <u>2016</u>, <u>April 4, 2016</u>, <u>June 20, 2016</u> 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Serial No. 15/022,374 Additional numbers attached? [ ]Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ 0.00 Name: Rigel J. Menard [[Enclosed [Authorized to be charged to deposit account 19-Address: 0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 Please charge any additional fees or credit any over Minneapolis, MN 55402--0938 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Rigel J. Menard/Reg. No. 66,520 <u>/Rigel J Menard/</u> 7/13/2016 Name of Person Signing Signature Date Total number of pages including cover sheet: 8

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450 Alexandria, VA 22313-1450

Attorney Docket No. 4370.002US1

#### ASSIGNMENT

WHEREAS, Ada Shuk Yan Poon, Alexander Jueshyan Yeh, Yuji Tanabe, John Ho and Sanghoek Kim (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on March 16, 2016, which application was assigned US patent application serial number 15/022,374, and which is titled MULTI-ELEMENT COUPLER FOR GENERATION OF ELECTROMAGNETIC ENERGY; which are described in a patent application filed on December 6, 2013, which application was assigned US application serial number 61/913,164, and which is titled POWER MANAGEMENT AND CONVERSION FOR MEDICAL IMPLANTS; which are described in a patent application filed on September 16, 2013, which application was assigned US application serial number 61/878,436, and which is titled MULTI-ELEMENT COUPLER.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to The Board of Trustees of the Leland Stanford Junior University (the "Assignee"), a corporation of the State of California, having a place of business at 3000 El Camino Real, Building 5, Suite 300, Palo Alto, CA 94306-2100, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

Assignors: Ada Shuk Yan Poon et al.

Title: MULTI-ELEMENT COUPLER FOR GENERATION OF ELECTROMAGNETIC ENERGY

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AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Docket No: 4370.002US1

Assignors: Ada Shuk Yan Poon et al.

Title: MULTI-ELEMENT COUPLER FOR GENERATION OF ELECTROMAGNETIC ENERGY

Page 3 of 7

Assignor:

(Signature):

Name: Ada Shuk Yan Poon

City/State: Redwood City, CA

Date:

**PATENT REEL: 039178 FRAME: 0549** 

Docket No: 4370.002US1

Docket No: 4370.002US1

Assignors: Ada Shuk Yan Poon et al.
Title: MULTI-ELEMENT COUPLER FOR GENERATION OF ELECTROMAGNETIC ENERGY

Page 4 of 7

Assignor:

(Signature):

Name: Alexander Jueshyan Yeh

City/State: Los Altos Hills, CA

Date:

PATENT

REEL: 039178 FRAME: 0550

Assignors: Ada Slade Yan Poon of al.
Title: MULTI-ELEMENT COUPLER FOR GENERATION OF ELECTROMAGNETIC ENERGY

Assignor:

(Signature):

Name: Yuji Tanabe

City/State: Cupertino, CA

Date:

**PATENT REEL: 039178 FRAME: 0551** 

Docket No: 4370.002USJ

Assignors: Ada Shuk Yan Poon et al.
Title: MULTI-ELEMENT COUPLER FOR GENERATION OF ELECTROMAGNETIC ENERGY

Assignor:

(Signature):

Name: John Ho

City/State: Stanford, CA

Date:

April 4, 2016

**PATENT REEL: 039178 FRAME: 0552** 

Docket No. 4370.002US1

Docket No: 4370.002US1

Assignors: Ada Shuk Yan Poon et al.

Title: MULTI-ELEMENT COUPLER FOR GENERATION OF ELECTROMAGNETIC ENERGY Page 7 of 7

Assignor:

(Signature):

Name: Sanghoek Kim
City/State: Palo Alto/CA

Date:

Jun 20, 2016

**RECORDED: 07/18/2016**