## 505590582 07/25/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
NATIONAL TAIWAN UNIVERSITY	05/31/2019
MING-CHE SHIH	05/21/2019

## **RECEIVING PARTY DATA**

Name:	ACADEMIA SINICA	
Street Address:	128, ACADEMIA ROAD, SECTION 2	
Internal Address:	NANKANG	
City:	TAIPEI	
State/Country:	TAIWAN	
Postal Code:	115	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16481042

## **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.

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ATTORNEY DOCKET NUMBER:	G4590-02701
NAME OF SUBMITTER:	VICKI G. NORTON
SIGNATURE:	/Vicki G. Norton/
DATE SIGNED:	07/25/2019

#### **Total Attachments: 3**

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PATENT 505590582 REEL: 049865 FRAME: 0825

Attorney Docket No.: G4590-02700

#### ASSIGNMENT

THIS PATENT ASSIGNMENT AGREEMENT ("Assignment"), dated as of \_\_\_\_\_\_\_, 2019, is made and entered into by NATIONAL TAIWAN UNIVERSITY, a university having a place of business located at No. 1, Sec. 4, Roosevelt Road, Taipei 10617, TAIWAN (R.O.C.); and Ming-Che SHIH, an individual having an address of 4905 Tara Terrace, Culver City, California 90230-4331, U.S.A. ("ASSIGNORS") in favor of ACADEMIA SINICA, a government agency located at 128 Academia Road, Section 2, Nankang, Taipei 115, Taipei, TAIWAN (R.O.C.) ("ASSIGNEE").

WHEREAS, Assignors and Assignee now desire to enter into this Assignment to effect the sale, assignment, transfer, conveyance and delivery to Assignee all of Assignors' right, title and interest, in and to certain inventions and improvements described and claimed in PCT Application No. PCT/US18/15460, filed on January 26, 2018 ("Application"), which claims priority to U.S. Provisional Patent Application Nos. 62/451,322, filed on January 27, 2017, and any and all patents to be obtained therefor or granted as a result thereof;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE of valuable consideration to ASSIGNOR, the receipt and adequacy of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns, transfers, conveys and delivers and agrees to sell, assign, transfer, convey and deliver to ASSIGNEE and the successors, assigns and legal representatives of the ASSIGNEE, all of ASSIGNORS' rights, title and interest, for the United States of America, in and to and under said Application and said inventions and improvements covered thereby along with any and all patent applications, and registrations therefor, and all improvements, divisionals, continuations, continuations-in-part, reissues, reexaminations, substitutions, extensions or renewals thereof, that have been filed or granted in the United States, its territorial possessions and/or any foreign countries for said inventions, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

ASSIGNORS request that any and all patents for said inventions or improvements be issued to said ASSIGNEE, its successors, assigns and legal representatives, or to such nominees as it may designate.

ASSIGNORS authorize and empower the said ASSIGNEE, its successors, assigns and legal representatives to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from ASSIGNORS.

ASSIGNORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consents to file or like document which may

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Attorney Docket No.: G4590-02700

required in any country for any purpose and more particularly in proof of the right of the said ASSIGNEE, its successors, assigns, and legal representatives, to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

ASSIGNORS covenant with said ASSIGNEE, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that ASSIGNORS have full right to convey the same as herein expressed.

If any provision of this Assignment (or any portion thereof) or the application of any such provision (or any portion thereof) to any person or circumstance shall be held invalid, illegal or unenforceable in any respect by a court of competent jurisdiction, such invalidity, illegality or unenforceability shall not affect any other provision hereof (or the remaining portion thereof) or the application of such provision to any other persons or circumstances.

Signed at Natronal Course Universi	
For NATIONAL TAIWAN UNIVERSITY	
Name: Chung-Jen Chen	
Title: Deputy Vice President for Research and Development of	National Taiwan University
Ching Jen Cl	May 31, 2019
Signature: (Date	
Signed at	ng parting with state and the second control of the second control
For MING-CHE SHIH	
Name:	un de la companya de La companya de la co La companya de la compan
Signature: (Date	

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Signed at	
For NATIONAL TAIWAN UNIVERSITY	
Name:	
Title:	
Signature:	(Date)
Signed at Academia Sinica	
For MING-CHE SHIH	
Name: MING-CHE SHIH	
Title: Distinguished Research Fellow	
May Cla SWM_ Signature: J	May 21, 2018 (Date)

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RECORDED: 07/25/2019