

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4224799

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ADDRESS OF THE RECEIVING PARTY previously recorded on Reel 038799 Frame 0399. Assignor(s) hereby confirms the ADDRESS OF THE RECEIVING PARTY IS: 1 FUSIONOPOLIS WAY, #20-10 CONNEXIS, SINGAPORE, SINGAPORE 138632.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BOON HWA ANDRE CHOO	01/16/2015
JIIYUN ZHENG	01/16/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
<b>Street Address:</b>	1 FUSIONOPOLIS WAY
<b>Internal Address:</b>	#20-10 CONNEXIS
<b>City:</b>	SINGAPORE
<b>State/Country:</b>	SINGAPORE
<b>Postal Code:</b>	138632
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15101586
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)502-5002
<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>	
<b>Phone:</b>	617-248-5000
<b>Email:</b>	PatentDocket@choate.com
<b>Correspondent Name:</b>	CHOATE HALL & STEWART LLP-PATENT DOCKET
<b>Address Line 1:</b>	TWO INTERNATIONAL PLACE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	2008187-0080
<b>NAME OF SUBMITTER:</b>	MICHAEL L. VETTER, PHD
<b>SIGNATURE:</b>	/Michael L. Vetter/
<b>DATE SIGNED:</b>	01/13/2017
<b>Total Attachments: 6</b>	
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## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3901591

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BOON HWA ANDRE CHOO	01/16/2015
JIYUN ZHENG	01/16/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
<b>Street Address:</b>	20 BIOPOLIS WAY #06-01
<b>City:</b>	SINGAPORE
<b>State/Country:</b>	SINGAPORE
<b>Postal Code:</b>	138668
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15101586
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)502-5000
<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>	
<b>Phone:</b>	617-248-5000
<b>Email:</b>	patentdocket@choate.com
<b>Correspondent Name:</b>	CHOATE, HALL & STEWART LLP
<b>Address Line 1:</b>	TWO INTERNATIONAL PLACE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	2008187-0080
<b>NAME OF SUBMITTER:</b>	MICHAEL L. VETTER, PHD
<b>SIGNATURE:</b>	/Michael L. Vetter/
<b>DATE SIGNED:</b>	06/03/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 3</b>	
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<b>Name:</b>	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
<b>Street Address:</b>	<del>20 BIOPOLIS WAY #06-01</del> 1 Fusionopolis Way, #20-10 Connexis
<b>City:</b>	SINGAPORE
<b>State/Country:</b>	SINGAPORE
<b>Postal Code:</b>	<del>138668</del> 138632
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<b>Property Type</b>	<b>Number</b>
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<b>Total Attachments: 3</b>	
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- (a) all rights and powers to make one or more applications for Letters Patent or other form of protection in the name of the Assignee in Singapore, the United States of America and in any other country of the world in respect of the invention, and all rights, title and interest in and to any Letters Patent or other form of protection to mature from any such application,
- (b) the rights and powers to prosecute the Application and all rights, title and interest in and to any Patent or Patents granted thereon together with any extension of the term of any such Patent or Patents as may be granted, SAVE THAT nothing in this Deed shall prevent the filing or proceeding of an Application to which this Deed relates, in the name of the Assignors or Inventors where such filing or proceeding of such Application is beneficial to the interests of the Assignee,
- (c) the rights and powers to seek protection in countries other than Singapore by way of Patent, Petty Patent, Utility Model, Design Patent or other appropriate form of protection for the invention, by way of application(s) for such protection made to the appropriate authorities in such other country or countries as the Assignee in its complete discretion may elect, whether or not any such foreign application(s) be made claiming International Convention priority from the Application hereby assigned,
- (d) any Copyright owned by the Assignors in and to any drawings relating to the subject matter of the invention together with the rights and powers such as subsist at the date of this Deed,
- (e) to apply for registration of Copyright, Design, Design-Patent or like protection in the name of the Assignee in Singapore and in any other country of the world in respect of the subject matter of the said drawings and to any registration of Copyright, Design-Patent or like protection which matures from any such application, together with the rights to sue in respect of any infringement of that Copyright which may have occurred before the date of this Deed,

2. The Assignors agree, at the expense of the Assignee, to sign, execute and deliver all documents, forms and papers reasonably required to be produced or obtained by the Assignee in connection with any application for Letters Patent or other form of protection for the subject matter of the invention, in Singapore or elsewhere.

IN WITNESS WHEREOF the Assignors and Assignee executed this Deed the day and year first hereinbefore written.

**ASSIGNORS**

SIGNED, SEALED and DELIVERED  
By the said **CHOO, Boon Hwa Andre**

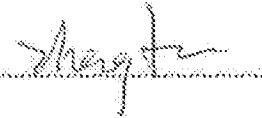


in the presence of:

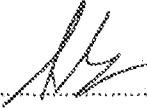


(Witness) *Lin, Tan*

SIGNED, SEALED and DELIVERED  
By the said **ZHENG, Jiyun**



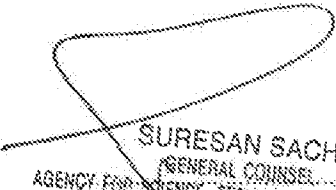
in the presence of:



(Witness) *Lim, Tan*

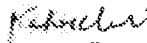
**ASSIGNEE**

FOR AND ON BEHALF OF  
By the said  
**Agency for Science, Technology and Research**



**SURESAN SACHI**  
GENERAL COUNSEL  
AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH

in the presence of:



(Witness) *CECILIA Kott*