PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2818058

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTIAN GERT BLUCHEL	01/07/2013
YANMEI WANG	01/07/2013
HUA ZHANG	01/07/2013
JUI PIN ER	01/07/2013
KIM JYH WONG	01/07/2013

RECEIVING PARTY DATA

Name:	TEMASEK POLYTECHNIC	
Street Address:	21 TAMPINES AVENUE 1	
Internal Address:	ENGINEERING DEPARTMENT	
City:	SINGAPORE	
State/Country:	SINGAPORE	
Postal Code:	529757	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14352283

CORRESPONDENCE DATA

Fax Number: (312)321-4299

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 312-321-4200

Email: ddudek@brinksgilson.com
Correspondent Name: BRINKS GILSON & LIONE

Address Line 1: 455 N. CITYFRONT PLAZA DRIVE

Address Line 2: NBC TOWER - SUITE 3600
Address Line 4: CHICAGO, ILLINOIS 60611

ATTORNEY DOCKET NUMBER:	14940-4
NAME OF SUBMITTER:	ERIC D. BABYCH
SIGNATURE:	/Eric D. Babych/
DATE SIGNED:	04/17/2014

Total Attachments: 4

PATENT

502771463 REEL: 032695 FRAME: 0801



PATENT REEL: 032695 FRAME: 0802

DEED OF ASSIGNMENT

two thousand and twelve (2012)

- (1) BLUCHEL, Christian Gert of **Engineering School** Temasek Polytechnic 21 Tampines Ave 1 Singapore 529757
- (2) WANG, Yanmei **Engineering School** Temasek Polytechnic 21 Tampines Ave 1 Singapore 529757
- (3) ZHANG, Hua **Engineering School** Temasek Polytechnic 21 Tampines Ave 1 Singapore 529757
- (4)ER, Jui Pin **Engineering School** Temasek Polytechnic 21 Tampines Ave 1 Singapore 529757
- (5) WONG, Kim Jyh **Engineering School** Temasek Polytechnic 21 Tampines Ave 1 Singapore 529757

[hereinafter referred to as "the Assignors"]

AND

REEL: 032695 FRAME: 0803

(1) Temasek PolytechnicEngineering Department21 Tampines Avenue 1Singapore 529757

[hereinafter referred to as "the Assignee"]

<u>WHEREAS</u> the Assignors warrant that the Assignors are the true inventors of an invention entitled "Sensing System For Detecting A Substance in A Dialysate" [hereinafter referred to as "the Invention"], the subject of International Patent Application No. PCT/SG2012/000425, including the designation of the United States of America [hereinafter referred to as "the Application"]

<u>AND WHEREAS</u> the Assignors have agreed to assign to the Assignee and the Assignee desires to take assignment of all rights, title and interest of the Assignors in and to the Invention and the Application,

NOW THIS DEED WITNESSETH

- 1. In consideration of the sum of Singapore Dollar one (SGD \$1) and other good and valuable consideration receipt of which is hereby acknowledged by the Assignors, the Assignors hereby assign to the Assignee all of his rights, title and interest in and to the Invention and the Application including:
- (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 filling or proceeding of an Application to which this Deed relates, in the name of the Assignors or Inventors where such filling or proceeding of such Application is beneficial to the interests of the Assignee

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- 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.

<u>ASSIGNORS</u>

SIGNED, SEALED and DELIVERED By the said BLUCHEL, Christian Gert in the presence of: ER, Jui Pin

(Witness)

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SIGNED, SEALED and DELIVERED
By the said WANG, Yanmei
in the presence of: ZHANG, Hun
(Witness)

SIGNED, SEALED and DELIVERED By the said ZHANG, Hua

in the presence of:

(Witness)

SIGNED, SEALED and DELIVERED By the said ER, Jui Pin

in the presence of: WANG, Yammei

(Witness)

SIGNED, SEALED and DELIVERED

By the said WONG, Kim Jyh

in the presence of: ZHANG, Hua

(Witness)

ASSIGNEE

FOR AND ON BEHALF OF

By the said TEMASEK POLYTECHNIC

in the presence of:

Song Kwok Yuen pirector

office of Research & Technology

Temasek Polytechnic

Lay-Tan Slok Lie Deputy Principal