# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4493570

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CHUEH LOO POH	06/05/2017
PREMKUMAR JAYARAMAN	06/05/2017
MACIEJ BARTOSZ HOLOWKO	06/05/2017

## **RECEIVING PARTY DATA**

Name:	NANYANG TECHNOLOGICAL UNIVERSITY
Street Address:	50 NANYANG AVENUE
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	639798

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15524172

## CORRESPONDENCE DATA

Fax Number: (206)682-6031

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.

Phone: 2066224900

Email: barbarah@seedip.com

**Correspondent Name:** QING LIN. PH.D.

Address Line 1: SEED IP LAW GROUP LLP Address Line 2: 701 5TH AVE, SUITE 5400

Address Line 4: SEATTLE, WASHINGTON 98104

ATTORNEY DOCKET NUMBER:	690148.520USPC
NAME OF SUBMITTER:	QING LIN, PH.D.
SIGNATURE:	/Qing Lin/
DATE SIGNED:	07/07/2017

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

source=520USPC\_Executed\_Assignment#page1.tif source=520USPC Executed Assignment#page2.tif source=520USPC Executed Assignment#page3.tif

**PATENT** REEL: 042931 FRAME: 0429 504446869

#### ASSIGNMENT

WHEREAS, we, Chueh Loo POH, Premkumar JAYARAMAN and Maciej Bartosz HOLOWKO (hereinafter referred to as ASSIGNORS), having mailing addresses of c/o Nanyang Technological University, 50 Nanyang Avenue, Singapore, SG 639798, are the joint inventors of an invention entitled "RECOMBINANT EXPRESSION SYSTEM THAT SENSES PATHOGENIC MICROORGANISMS," as described and claimed in the specification for which an application for United States letters patent was filed on May 3, 2017, and assigned Application No. 15/524,172; which application is a national stage application filed under 35 U.S.C. 371 of International Application No. PCT/SG2015/050428, accorded an International Filing Date of November 3, 2015;

WHEREAS, Nanyang Technological University (hereinafter referred to as ASSIGNEE), having a place of business at 50 Nanyang Avenue, Singapore, SG 639798, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries:

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions including any extensions or adjustments in term thereof and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, and including the right to sue and collect damages for past and present infringement of said letters patent; said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters

1 of 3

patent	on	said	invention,	for	litigation	regarding	said	letters	patent,	or	for	the	purpose	of
protect	ing	title i	o said inve	ntior	or letters	patent ther	efor.							
							1	)	Λ					

S / 6 / 17
Date Chueh Loo POH

I certify that I know or have satisfactory evidence that Chueh Loo POH is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

	DatedSignature of Witness	5/4/17 / J	
	Printed Name:	Sulhagher	Jayaraman
5.6.201	7		
Date	activities and the second	emkumar JA KARAMAN	

I certify that I know or have satisfactory evidence that Premkumar JAYARAMAN is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated	5/6/17,	
Signature of Witness	SAL	
Printed Name	Sudhaghar	Jayaniman

5	[YVV   2017	XINO
Date		Maciej Bartosz HOLOWKO

I certify that I know or have satisfactory evidence that Maciej Bartosz HOLOWKO is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 5	/6/17	
Signature of Witness	Ship	
Printed Name	Sulhagher	Jayaraman

\$548020\_1,DOC: (690148,520USPC)