

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4310698

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY	03/06/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	IDEMITSU KOSAN CO., LTD.
<b>Street Address:</b>	1-1, MARUNOUCHI 3-CHOME
<b>Internal Address:</b>	CHIYODA-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	100-8321
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8349370
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)413-2220
<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>	(703) 413-3000
<b>Email:</b>	jroberts@oblon.com
<b>Correspondent Name:</b>	OBLON, ET AL.
<b>Address Line 1:</b>	1940 DUKE STREET
<b>Address Line 4:</b>	ALEXANDRIA, VIRGINIA 22314
<b>ATTORNEY DOCKET NUMBER:</b>	351429US
<b>NAME OF SUBMITTER:</b>	JENICA ROBERTS
<b>SIGNATURE:</b>	/Jenica Roberts/
<b>DATE SIGNED:</b>	03/09/2017
<b>Total Attachments: 2</b>	
source=351429USAssn#page1.tif	
source=351429USAssn#page2.tif	

## ASSIGNMENT

WHEREAS, NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY of Kita 8-Jyo Nishi 5-chome, Kita-ku, Sapporo-shi, Hokkaido 060-0808 Japan, a corporation organized and existing under the laws of the Country of Japan, is a joint owner with IDEMITSU KOSAN CO., LTD., by assignment, of the Letters Patent of the United States of America No. 8,349,370 issued on January 8, 2013; and

WHEREAS, IDEMITSU KOSAN CO., LTD. of 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8321 Japan, a corporation organized and existing under the laws of the Country of Japan (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to said Letters Patent;

NOW, THEREFORE, after good and valuable consideration, the receipt of which is hereby acknowledged, NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY by these presents do sell, assign, and transfer unto ASSIGNEE the entire right, title and interest for the territory of the United States of America, in and to the aforesaid Letters Patent and the invention described therein, and any reissue or reissues of said Letters Patent to the full end of the term for which said Letters Patent have been granted or reissues may be granted, said invention and Letters patent to be held and enjoyed by the ASSIGNEE for the use and behoof of their successors, assigns or other legal representatives, and for claims for damage by reason of infringement past and present, as fully and entirely as the same would have been held by us had this Assignment and sale not been made.

IN TESTIMONY WHEREOF, NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY has caused these presents to be signed by its officer thereunto duly authorized.

## NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY

Date: March 6, 2017

By: President Keizo Yamaguchi  
Name: Keizo YAMAGUCHI  
Title: President