

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Idemitsu Kosan Co., Ltd.	05/14/2012
RECEIVING PARTY DATA	
Name:	Kabushiki Kaisha Sangi
Street Address:	11-6, Tsukiji 3-chome, Chuo-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	104-0045
Name:	Kochi University
Street Address:	5-1, Akebonocho 2-chome, Kochi-shi
City:	Kochi
State/Country:	JAPAN
Postal Code:	7808520
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12602885
CORRESPONDENCE DATA	
Fax Number:	(716)849-0349
Phone:	716.856.4000
Email:	rwatt@hodgsonruss.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Rachel S. Watt
Address Line 1:	Hodgson Russ LLP
Address Line 2:	140 Pearl Street, Suite 100
Address Line 4:	Buffalo, NEW YORK 14202-4040

CH \$40.00 12602885

ATTORNEY DOCKET NUMBER:	057989.00001
NAME OF SUBMITTER:	Rachel S. Watt
Total Attachments: 2 source=ExecutedAssignment#page1.tif source=ExecutedAssignment#page2.tif	

ASSIGNMENT

WHEREAS, Idemitsu Kosan Co., Ltd., having a place of business at 1-1, Marunouchi 3-chrome, Chiyoda-ku, Tokyo 1008321, Japan (the "Assignor"), had previously been assigned all inventions disclosed in the following applications and the following applications:

<u>Country</u>	<u>Patent Application No.</u>	<u>Filing Date</u>	<u>Title</u>
PCT	PCT/JP2009/003907	August 17, 2009	Catalyst and Alcohol Synthesis Method
US	12/602,885	December 3, 2009	Catalyst and Alcohol Synthesis Method

in an Assignment executed on January 22, 2010, which provided that Ayumu Onda, Shuhei Ogo, and Kazumichi Yanagisawa, assigned their entire right, title, and interest for the United States to all inventions disclosed in the applications and the applications to Kabushiki Kaisha Sangi, Kochi University, and Idemitsu Kosan Co., Ltd, as joint owners;

WHEREAS, **Kabushiki Kaisha Sangi**, having a place of business at 11-6, Tsukiji 3-chrome, Chuo-ku, Tokyo 104-0045, Japan, and **Kochi University**, having a place of business at 5-1, Akebonocho 2-chome, Kochi-shi, Kochi 7808520, Japan, (collectively the "Assignees") both wish to acquire all of Assignor's right, title, and interest in and to the inventions and applications; and


NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor does hereby sell, assign, and transfer to the Assignees, their successors, legal representatives, and assigns, its entire right, title, and interest for the United States of America in and to the inventions and applications and all applications claiming priority to any of the applications, all divisional, continuation, and reissue applications thereof and any National and Regional Phase applications thereof which have been or shall be filed in the United States, in and to any and all priority rights, rights under the International Convention For The Protection Of Industrial Property, rights under the Patent Cooperation Treaty, and in and to all original, reissued and reexamined patents from any of the aforementioned applications which have been or shall be issued in the United States (collectively, the "Patent Property");

Agrees that the Assignees may apply for and receive patents for the Patent Property in its name; and that, when requested, Assignor shall execute all rightful oaths, assignments, powers of attorney, and all other documents, which the Assignee, its successor, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for the Patent Property; and

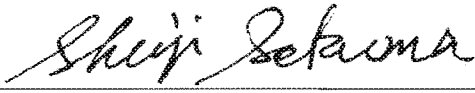
Covenants with the Assignees, their successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the Assignor, and that full right to convey the Patent Property as herein expressed is possessed by the Assignor.

IN WITNESS WHEREOF, the Assignor and the Assignees, by their duly authorized officers, do hereby execute this Assignment as of this 14th day of May, 2012.

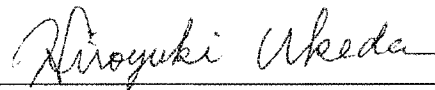
ASSIGNOR: IDEMITSU KOSAN CO., LTD.

By: 
Name: **Hiroaki Muko**
Title: **Executive Officer, General Manager,
Intellectual Property Department**

ASSIGNEE: KABUSHIKI KAISHA SANGI

By: 
Name: **Shuji Sakuma**
Title: **President**

ASSIGNEE: KOCHI UNIVERSITY

By: 
Name: **Hiroyuki Ukeda**
Title: **Vice President
Head, Center for Regional and
International Collaboration**