

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Minoru TOMOZAWA</td> <td>05/12/2008</td> </tr> <tr> <td>Bungo HATTA</td> <td>05/13/2008</td> </tr> </tbody> </table>		Name	Execution Date	Minoru TOMOZAWA	05/12/2008	Bungo HATTA	05/13/2008						
Name	Execution Date												
Minoru TOMOZAWA	05/12/2008												
Bungo HATTA	05/13/2008												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>SEKISUI CHEMICAL CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>Shiga Minakuchi Plant 1259</td> </tr> <tr> <td>Internal Address:</td> <td>Izumi Minakuchi, Koka</td> </tr> <tr> <td>City:</td> <td>Shiga</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>528-8585</td> </tr> </table>		Name:	SEKISUI CHEMICAL CO., LTD.	Street Address:	Shiga Minakuchi Plant 1259	Internal Address:	Izumi Minakuchi, Koka	City:	Shiga	State/Country:	JAPAN	Postal Code:	528-8585
Name:	SEKISUI CHEMICAL CO., LTD.												
Street Address:	Shiga Minakuchi Plant 1259												
Internal Address:	Izumi Minakuchi, Koka												
City:	Shiga												
State/Country:	JAPAN												
Postal Code:	528-8585												
<table border="1"> <tr> <td>Name:</td> <td>RENSELAER POLYTECHNIC INSTITUTE</td> </tr> <tr> <td>Street Address:</td> <td>110 8th Street</td> </tr> <tr> <td>City:</td> <td>Troy</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>12180</td> </tr> </table>		Name:	RENSELAER POLYTECHNIC INSTITUTE	Street Address:	110 8th Street	City:	Troy	State/Country:	NEW YORK	Postal Code:	12180		
Name:	RENSELAER POLYTECHNIC INSTITUTE												
Street Address:	110 8th Street												
City:	Troy												
State/Country:	NEW YORK												
Postal Code:	12180												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12446132</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12446132								
Property Type	Number												
Application Number:	12446132												
CORRESPONDENCE DATA													
Fax Number:	5184525579												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	518-452-5600												
Email:	edl@hrfmlaw.com												
Correspondent Name:	Kellie S. Fredericks												
Address Line 1:	5 Columbia Circle												
Address Line 2:	HESLIN ROTHENBERG FARLEY & MESITI P.C.												

CH \$40.00 12446132

Address Line 4: Albany, NEW YORK 12203

ATTORNEY DOCKET NUMBER:

0094.135A

NAME OF SUBMITTER:

Kellie S. Fredericks

Total Attachments: 3

source=0094135A_ExecutedAssignment_FINAL#page1.tif

source=0094135A_ExecutedAssignment_FINAL#page2.tif

source=0094135A_ExecutedAssignment_FINAL#page3.tif

Atty. Docket No.: 0094.135AWO

ASSIGNMENT

WHEREAS, WE,

MINORU TOMOZAWA, a citizen of the United States of America, residing at 3 Riding Club Road, Troy, New York 12180; and

BUNGO HATTA, a citizen of Japan, who is an employee of Sekisui Chemical Co., Ltd., Shiga Minakuchi Plant 1259, Izumi Minakuchi, Koka, Shiga, 528-8585, Japan;

have invented certain new and useful improvements in

PROCESS FOR MAKING RARE EARTH CONTAINING GLASS

which are the subject of United States Provisional Patent Application serial number 60/852,173 filed October 17, 2006 and PCT/US2007/081543 filed October 16, 2007; and

WHEREAS, **Sekisui Chemical Co., Ltd.**, having offices at Shiga Minakuchi Plant 1259, Izumi Minakuchi, Koka, Shiga, 528-8585, Japan and **Rensselaer Polytechnic Institute** having offices at 110 8th Street, Troy, New York 12180, is desirous of obtaining the entire right, title and interest in, to and under the improvements and the applications; and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which we hereby acknowledge, we, **Minoru Tomozawa and Bungo Hatta**, do hereby assign, transfer and set over, to **Sekisui Chemical Co., Ltd.** and **Rensselaer Polytechnic Institute**, their successors, legal representatives and assigns, the entire right title and interest in, to and under the improvements, of the above identified applications - including the right to claim priority to the applications - all non-provisional patent applications arising therefrom, and all divisionals, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for the improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for the improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for the improvements to **Sekisui Chemical Co., Ltd.** and **Rensselaer Polytechnic Institute**, their successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

Atty. Docket No.: 0094.135AWO

AND WE HEREBY further covenant and agree that we will communicate to **Sekisui Chemical Co., Ltd. and Rensselaer Polytechnic Institute**, their successors, legal representatives and assigns, any facts known to us respecting the improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid **Sekisui Chemical Co., Ltd. and Rensselaer Polytechnic Institute**, their successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

AND WE HEREBY grant Heslin Rothenberg Farley & Mesiti, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12 day of May, 2008.

Minoru Tomozawa
MINORU TOMOZAWA

STATE OF NEW YORK)
) ss.:
COUNTY OF)

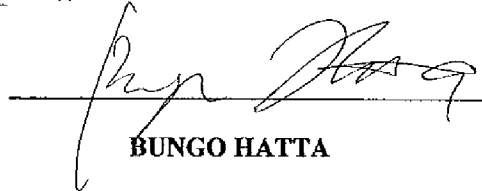
On this 12 day of May, 2008, before me personally came **Minoru Tomozawa**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Candace Bornt
Notary Public

CANDACE BORNT
NOTARY PUBLIC, STATE OF NEW YORK
No. 01B06112736
QUALIFIED IN RENSSELAER COUNTY
MY COMMISSION EXPIRES JULY 12, 2008

Atty. Docket No.: 0094.135AWO

SIGNED this 13 day of May 2008.


BUNGO HATTA

Hirofumi Kitano
Witness

丸本 忠
Witness