

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>Tatsuya Hanawa</td> <td>02/14/2012</td> </tr> <tr> <td>Tamotsu Suzuki</td> <td>02/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	Tatsuya Hanawa	02/14/2012	Tamotsu Suzuki	02/14/2012				
Name	Execution Date										
Tatsuya Hanawa	02/14/2012										
Tamotsu Suzuki	02/14/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Toray Industries, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Nihonbashi-Muromachi 2-chome</td> </tr> <tr> <td>City:</td> <td>Chuo-ko, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>1038666</td> </tr> </table>		Name:	Toray Industries, Inc.	Street Address:	1-1, Nihonbashi-Muromachi 2-chome	City:	Chuo-ko, Tokyo	State/Country:	JAPAN	Postal Code:	1038666
Name:	Toray Industries, Inc.										
Street Address:	1-1, Nihonbashi-Muromachi 2-chome										
City:	Chuo-ko, Tokyo										
State/Country:	JAPAN										
Postal Code:	1038666										
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>13500521</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13500521						
Property Type	Number										
Application Number:	13500521										
CORRESPONDENCE DATA											
<p>Fax Number: (610)407-0701</p> <p>Phone: 610-407-0700</p> <p>Email: kreid@ratnerprestia.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: RatnerPrestia</p> <p>Address Line 1: PO Box 980</p> <p>Address Line 4: Valley Forge, PENNSYLVANIA 19482</p>											
ATTORNEY DOCKET NUMBER:	TOR-195US										
NAME OF SUBMITTER:	Joshua L. Cohen										
<p>Total Attachments: 2</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p>											

OP \$40.00 13500521

ASSIGNMENT - Patent Application		Docket Number: TOR-195US
Whereas, the Assignor, comprising the following named inventors:		
ASSIGNOR(s)/ INVENTOR(s)	1. Tatsuya Hanawa	2. Tamotsu Suzuki
	3.	4.
	5.	6.
made an invention entitled: PROCESS AND APPARATUS FOR PRODUCING BEAM MEMBER		
for which an application for Letters Patent of the United States: <i>(Select one of the following):</i> <input checked="" type="checkbox"/> is executed concurrently herewith <input type="checkbox"/> was filed in the U.S. Patent and Trademark Office on _____, as U.S. Patent Application Serial No.: _____		
ASSIGNEE (Full Name and Address)	Toray Industries, Inc. 1-1, Nihonbashi-Muromachi 2-chome Chuo-ku Tokyo 1038666 JAPAN	
is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor, Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto. Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment. Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument. If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.		

ASSIGNMENT - Patent ApplicationDocket Number: **TOR-195US**

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

Typed or Printed Name	Signature	Date
1. Tatsuya Hanawa	<u>Tatsuya Hanawa</u>	<u>Feb. 14 / 2012</u>
	* Witness to Assignor #1	
2. Tamotsu Suzuki	<u>Tamotsu Suzuki</u>	<u>Feb. 14 / 2012</u>
	* Witness to Assignor #2	
3.		
	* Witness to Assignor #3	
4.		
	* Witness to Assignor #4	
5.		
	* Witness to Assignor #5	
6.		
	* Witness to Assignor #6	

Application for United States Letters Patent:

Serial No.: 13/500,521Filed: April 5, 2012Attorney Docket Number: **TOR-195US**Total Number of Assignment Pages 2

* Witness signature recommended, mandatory for some countries