

PATENT ASSIGNMENT

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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>Tsuyoshi Takihara</td> <td>11/12/2012</td> </tr> <tr> <td>Hiroshi Onomoto</td> <td>11/12/2012</td> </tr> <tr> <td>Eiko Okamoto</td> <td>11/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Tsuyoshi Takihara	11/12/2012	Hiroshi Onomoto	11/12/2012	Eiko Okamoto	11/12/2012		
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<table border="1"> <tr> <td>Name:</td> <td>Mitsubishi Rayon Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>1-1 Marunouchi 1-chome, Chiyoda-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>100-8253</td> </tr> </table>		Name:	Mitsubishi Rayon Co., Ltd.	Street Address:	1-1 Marunouchi 1-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-8253
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CORRESPONDENCE DATA											
Fax Number:	2027393001										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	54448-5007										
NAME OF SUBMITTER:	Mary Jane Boswell										
Total Attachments: 2 source=054448-5007_Assignment-11202012#page1.tif source=054448-5007_Assignment-11202012#page2.tif											

CH \$40.00 13639542

PATENT

ASSIGNMENT

WHEREAS WE, the below named inventors, (hereinafter referred to as "Assignors"), have made an invention entitled:

ACTIVE ENERGY RAY-CURABLE RESIN COMPOSITION, NANO RIDGE/GROOVE STRUCTURE USING SAME AND PRODUCTION METHOD FOR SAID STRUCTURE, AND WATER REPELLENT ARTICLE PROVIDED WITH NANO RIDGE/GROOVE STRUCTURE for which WE filed an application of United States on October 5, 2012, (Application No. 13/639,542); and

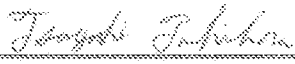

WHEREAS Mitsubishi Rayon Co., Ltd. whose post office address is 1-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8253 Japan (hereinafter referred to as "Assignee"), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, WE, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and WE hereby authorize and request the Director of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that WE have the full right to convey the interest assigned by this Assignment, and WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, WE have hereunto set my hands.

Full Name of first Assignor	Tsuyoshi TAKIHARA
Address	c/o Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-0693, Japan
Signature Date	November 12, 2012
Signature	
Full Name of second Assignor	Hiroshi ONOMOTO
Address	c/o Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-0693, Japan
Signature	

Date	November 12, 2012
Full Name of third Assignor	Eiko OKAMOTO
Address	c/o Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-0693, Japan
Signature	<i>Eiko Okamoto</i>
Date	November 12, 2012