

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Hiromi Hayashi</td> <td>03/12/2012</td> </tr> <tr> <td>Masatoshi Echigo</td> <td>03/12/2012</td> </tr> <tr> <td>Dai Oguro</td> <td>03/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hiromi Hayashi	03/12/2012	Masatoshi Echigo	03/12/2012	Dai Oguro	03/12/2012
Name	Execution Date								
Hiromi Hayashi	03/12/2012								
Masatoshi Echigo	03/12/2012								
Dai Oguro	03/12/2012								
RECEIVING PARTY DATA									
Name:	mitsubishi gas chemical company, inc.								
Street Address:	5-2, Marunouchi 2-chome, Chiyoda-ku								
City:	Tokyo								
State/Country:	JAPAN								
Postal Code:	100-8324								
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>13500715</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13500715				
Property Type	Number								
Application Number:	13500715								
CORRESPONDENCE DATA									
Fax Number:	(312)277-2397								
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Correspondent Name:	Fitch, Even, Tabin & Flannery								
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ATTORNEY DOCKET NUMBER:	9326-101471-US								
NAME OF SUBMITTER:	Stephen S. Favakeh								
Total Attachments: 3 source=9326-101471Assignment#page1.tif source=9326-101471Assignment#page2.tif source=9326-101471Assignment#page3.tif									

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ASSIGNMENT

We, **Hiromi Hayashi** of Hiratsuka-shi, Kanagawa, Japan, **Masatoshi ECHIGO** of Hiratsuka-shi, Kanagawa, Japan, and **Dai OGURO** of Tokyo, Japan, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **MITSUBISHI GAS CHEMICAL COMPANY, INC.**, a Japanese company, having its principal place of business at 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8324 Japan, its successors, assigns and legal representatives, the entire right, title and interest, in and to all subject matter invented by us and disclosed in the application for Letters Patent of the United States entitled

CYCLIC COMPOUND, METHOD OF PRODUCING THE SAME, RADIATION SENSITIVE COMPOSITION, AND METHOD OF FORMING RESIST PATTERN

Application Number 13/500,715 , filed April 6, 2012; and in and to all patent and all convention and treaty rights of all kinds, including the right to claim priority from said application, and all rights in and to any continuation, continuation-in-part, and divisional application therefrom, and any reissue or re-examination as to any patent issuing therefrom, in all countries throughout the world, for all such subject matter described therein, including all rights of action and rights to recover damages for past infringements. We agree to sign all documents necessary to secure all said patents and rights, and request issuance of all said patents to the above assignee in accordance with this assignment.

March 12, 2012

Hiromi Hayashi
Hiromi Hayashi

____ March 12 _____, 2012

Masatoshi Echigo
Masatoshi ECHIGO

March 12, 2012

Dai Oguro
Dai OGURO