

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>Kinya Ogawa</td> <td>05/16/2012</td> </tr> <tr> <td>Tatsuya Hojo</td> <td>05/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kinya Ogawa	05/16/2012	Tatsuya Hojo	05/16/2012		
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RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>Shin-Etsu Chemical Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>6-1, Otemachi 2-chome</td> </tr> <tr> <td>City:</td> <td>Chiyoda-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Shin-Etsu Chemical Co., Ltd.	Street Address:	6-1, Otemachi 2-chome	City:	Chiyoda-ku, Tokyo	State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1									
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CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	John E. Johnson, III								
Total Attachments: 1 source=419951 Assignment#page1.tif									

CH \$40.00 13491208

ASSIGNMENT

WHEREAS: Kinya OGAWA of c/o SHIN-ETSU CHEMICAL CO., LTD., 6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, JAPAN and Tatsuya HOJO of c/o Specialty Chemicals Research Center, SHIN-ETSU CHEMICAL CO., LTD., 28-1, Nishi-Fukushima, Kubiki-ku, Joetsu-shi, Niigata-ken, JAPAN (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled:

Mating Disruption Method Using Acetate-Containing Mating Disruptant

for which application for United States Letters Patent identified as _____ has been executed on the _____ day of _____, 2012, and,

WHEREAS: SHIN-ETSU CHEMICAL CO., LTD., a corporation duly organized under and pursuant to the laws of JAPAN and having its principal place of business at 6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, JAPAN (hereinafter referred to as "ASSIGNEE"), has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to this invention, including any and all United States Letters Patent or similar legal protection to be obtained therefor.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said invention, including any and all United States Letters Patent which may be granted therefor and any and all extensions, continuations, divisions, renewals, substitutes or reissues thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants and agrees, upon request, to execute any instrument which said ASSIGNEE desires to carry this assignment in effect, and perfect the title transferred hereby, or to file or prosecute any of the above-mentioned United States applications.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to said ASSIGNEE.

IN TESTIMONY WHEREOF, I/We have hereunto set hand and seal this 16th day of May, 2012

ASSIGNOR:

Kinya Ogawa
Kinya OGAWA

Tatsuya Hojo
Tatsuya HOJO

PATENT