

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shinichi NAGAO</td> <td>05/18/2007</td> </tr> <tr> <td>Hiroshi OGAWA</td> <td>05/18/2007</td> </tr> </tbody> </table>		Name	Execution Date	Shinichi NAGAO	05/18/2007	Hiroshi OGAWA	05/18/2007
Name	Execution Date						
Shinichi NAGAO	05/18/2007						
Hiroshi OGAWA	05/18/2007						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	MITSUBISHI GAS CHEMICAL COMPANY, INC.						
<b>Street Address:</b>	5-2, Marunouchi 2-chome, Chiyoda-ku						
<b>City:</b>	Tokyo						
<b>State/Country:</b>	JAPAN						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11722605</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11722605		
Property Type	Number						
Application Number:	11722605						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(703)312-6666						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	7033126600						
<b>Email:</b>	svannarath@antonelli.com						
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<b>Address Line 1:</b>	1300 N. 17th Street						
<b>Address Line 2:</b>	Suite 1800						
<b>Address Line 4:</b>	Arlington, VIRGINIA 22209						
<b>ATTORNEY DOCKET NUMBER:</b>	396.47595X00						
<b>NAME OF SUBMITTER:</b>	William I. Solomon						
<b>Total Attachments: 2</b> source=47595X00ASNCOV#page1.tif source=47595X00ASN#page1.tif							

OP \$40.00 11722605

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

Attorney Docket No. **396.47595X00**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Shinichi NAGAO  
Hiroshi OGAWA

2. Name and address of receiving party(ies)

Name: **MITSUBISHI GAS CHEMICAL COMPANY, INC.**

Street Address: **5-2, Marunouchi 2-chome,  
Chiyoda-ku, Tokyo, Japan**

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance/ Execution Date: **May 18, 2007.**

- Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other .

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

**11/722,605**

B. Patent Registration No.(s)

Additional number(s) attached  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **ANTONELLI, TERRY, STOUT & KRAUS, LLP**

Internal Address:

**1300 NORTH 17<sup>TH</sup> STREET - SUITE 1800**

City: **ARLINGTON** State: **VA** Zip **22209**

Phone Number: **(703) 312-6600**

Facsimile Number: **(703) 312-6666**

Email Address: **email@antonelli.com**

6. Total number of applications and patents involved **1**

7. Total fee (37 CFR 3.41)..... **\$40.00**

- Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

8. Payment Information:

a. Credit Card Last 4 numbers: **1073**  
Expiration date: **06/10**

b. Deposit account number: **01-2135**

Authorized User Name: **William I. Solomon**

**DO NOT USE THIS SPACE**

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**William I. Solomon, Reg#28,565**

Name of Person Signing

**/William I. Solomon/**

Signature

**06/29/07**

Date

Total number of pages including cover sheet, attachments, and document: **2**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to Mitsubishi Gas Chemical Company, Inc. of 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

METHOD OF SEPARATING DIMETHYLNAPHTHALENE ISOMERS

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed by me even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Mitsubishi Gas Chemical Company, Inc., its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Mitsubishi Gas Chemical Company, Inc.

1) Date MAY. 18. 2007 Inventor Shinichi NAGAO (Full Name) Shinichi Nagao (Signature)  
Residence Okayama, Japan Citizenship Japan  
Post Office Address c/o Mitsubishi Gas Chemical Company, Inc., Mizushima Plant,  
10, Mizushima-kaigandori 3-chome, Kurashiki-shi, Okayama, Japan

2) Date MAY. 18. 2007 Inventor Hiroshi OGAWA Hiroshi Ogawa  
Residence Okayama, Japan Citizenship Japan  
Post Office Address c/o Mitsubishi Gas Chemical Company, Inc., Mizushima Plant,  
10, Mizushima-kaigandori 3-chome, Kurashiki-shi, Okayama, Japan

3) Date \_\_\_\_\_ Inventor \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

4) Date \_\_\_\_\_ Inventor \_\_\_\_\_  
Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Witness(es)

All) \_\_\_\_\_ 2) \_\_\_\_\_ 4) \_\_\_\_\_

1) \_\_\_\_\_ 3) \_\_\_\_\_ 5) \_\_\_\_\_