

5/11/05

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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Attorney Docket No. 396.44768X00

<p>To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.</p>	
<p>1. Name of conveying party(ies):</p> <p>Yoshihiro SHIOKAWA Hiroaki SHIGETA Ikutaro KUZUHARA</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Mitsubishi Gas Chemical Company, Inc. 5-2, Marunouchi 2-chome Chiyoda-ku, Tokyo JAPAN</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other </div> <div> <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name </div> </div> <p>Execution Date: March 29, 2005.</p>	
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:</p> <div style="display: flex;"> <div style="flex: 1;"> <p>A. Patent Application No.(s)</p> <p style="text-align: center;">11/063,606 filed 2/24/2005</p> </div> <div style="flex: 1;"> <p>B. Patent Registration No.(s)</p> </div> </div> <p style="text-align: right;">Additional number(s) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP</p> <p>Internal Address:</p> <p>1300 NORTH 17TH STREET – SUITE 1800</p> <p>City: ARLINGTON State: VA Zip 22209</p>	<p>6. Total number of applications and patents involved 1</p> <p>7. Total fee (37 CFR 3.41)..... \$40.00</p> <div style="margin-left: 20px;"> <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account </div> <p>8. Deposit account number:</p> <p style="text-align: center; font-size: 1.2em;">01-2135</p> <p style="text-align: center; font-size: 0.8em;">(Attach duplicate copy of this page if paying by deposit account)</p>
<p>DO NOT USE THIS SPACE</p>	
<p>9. Statement and signature. <i>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.</i></p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 30%;"> <p>WILLIAM I. SOLOMON, Reg#28,565</p> <hr style="border: 0; border-top: 1px solid black;"/> <p style="text-align: center; font-size: 0.8em;">Name of Person Signing</p> </div> <div style="width: 30%; text-align: center;"> <hr style="border: 0; border-top: 1px solid black;"/> <p style="text-align: center; font-size: 0.8em;">Signature</p> </div> <div style="width: 30%; text-align: right;"> <p>05/11/2005</p> <hr style="border: 0; border-top: 1px solid black;"/> <p style="text-align: center; font-size: 0.8em;">Date</p> </div> </div> <p style="text-align: right; font-size: 0.8em;">Total number of pages including cover sheet, attachments, and document: 2</p> <p style="text-align: center; font-size: 0.7em;">Mail documents to be recorded with required cover sheet information to: Commissioner of Patent & Trademarks, Box Assignments Washington, D.C. 20231</p>	

05/12/2005 HAL111 00000078 11063606

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PATENT
REEL: 016556 FRAME: 0751

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

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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 March 29, 2005 (Full Name) Yoshihiro SHIOKAWA (Signature) G. Shiohara
 Residence Chiba, Japan Citizenship Japan
 Post Office Address c/o Mitsubishi Gas Chemical Company, Inc.,
5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan
- 2) Date March 29, 2005 (Full Name) Hiroaki SHIGETA (Signature) Hiroaki Shigeta
 Residence Okayama, Japan Citizenship Japan
 Post Office Address c/o Mitsubishi Gas Chemical Company, Inc., Mizushima
10, Mizushima-kaigandori 3-chome, Kurashiki-shi, Okayama, Japan
- 3) Date March 29, 2005 (Full Name) Ikutaro KUZUHARA (Signature) Ikutaro Kuzuhara
 Residence Okayama, Japan Citizenship Japan
 Post Office Address c/o Mitsubishi Gas Chemical Company, Inc., Mizushima
10, Mizushima-kaigandori 3-chome, Kurashiki-shi, Okayama, Japan
- 4) Date _____ (Full Name) _____ (Signature) _____
 Residence _____ Citizenship _____
 Post Office Address _____

Witness(es)

- All) _____ 2) _____ 4) _____
 1) _____ 3) _____ 5) _____