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

1. Name of conveying party(ies): AMAKAWA, KAZUHIKO GOUROKU, KAZUSHI Additional name(s) of conveying party(ies) attached? [] Yes [X] No

2. Name and address of receiving party(ies) Name: MITSUBISHI GAS CHEMICAL CO., INC. Street Address: 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan City: _____ State: _____ Zip: _____ Additional name(s) & address(es) attached? [] Yes [X] No

3. Nature of conveyance: [X] Assignment [] Security Agreement [] Other _____ [] Merger [] Change of Name Execution Date: February 10, 10, 2004.

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: February 10, 10, 2004. A. Patent Application No.(s) 10/788389 Additional number(s) attached [] Yes [X] No

B. Patent Registration No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Antonelli, Terry, Stout & Kraus, LLP Internal Address: 1300 North Seventeenth Street Suite 1800 Arlington, VA 22209 USA City: _____ State: _____ Zip: _____

6. Total number of applications and patents involved [1] 7. Total fee (37 CFR 3.41)..... \$40.00 [X] Enclosed [] Authorized to be charged to deposit account 8. Deposit account number: 01-2135 (Attach duplicate copy of this page if paying by deposit account)

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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

Signature (Handwritten)

03/01/04 Date

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patent & Trademarks, Box Assignments Washington, D.C. 20231

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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.

- | | (Full Name) | (Signature) |
|---|-------------|--------------------------|
| 1) Date <u>February 10, 2004</u> Inventor <u>Kazuhiko AMAKAWA</u> | | <u>天知 隆</u> |
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| 2) Date <u>February 10, 2004</u> Inventor <u>Kazushi GOUROKU</u> | | <u>合六 一</u> |
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| 3) Date _____ Inventor _____ | | |
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| 4) Date _____ Inventor _____ | | |
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| Post Office Address _____ | | |
| 5) Date _____ Inventor _____ | | |
| Residence _____ | | Citizenship _____ |
| Post Office Address _____ | | |

Witness(es)
All) _____ 2) _____ 4) _____
1) _____ 3) _____ 5) _____