

For PTO-1537 (Rev. 08/05)
OMB No. 051-0027 (exp. 6/30/2006)

11-20-2006



103338359

U.S. DEPARTMENT OF COMMERCE
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Y

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below..

1. Name of conveying party(ies):

Kazuyoshi INOUE
Shigekazu TOMAI
Masato MATUBARA

2. Name and address of receiving party(ies):

Name: Idemitsu Kosan Co., Ltd.

Internal Address:

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

3. Nature of Conveyance/Execution Date(s):

Execution Date(s): August 11, 2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement

☒ Other Response to Notice of Non-Recordation of Document (Document ID No. 103309137)

Street Address: 1-1 Marunouchi 3-chome

City: Chiyoda-ku, Tokyo

Country: JAPAN Zip:100-0005

Additional names(s) or address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s): ☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/592,280

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: MILLEN, WHITE, ZELANO
& BRANIGAN, P.C.
Address: Arlington Court Plaza I
Suite 1400
2200 Clarendon BLVD.
Arlington, VA 22201
Phone: (703) 243-6333
Fax: (703) 243-6410
E-Mail: mail@mwzb.com

6. Total number of applications and patents involved: 1

7. Total fee (37CFR 1.21(h) AND 3.41) \$40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☒ Paid previously on September 8, 2006
☐ None required (government interest not affecting title)

8. Payment Information

- a) Credit Card Last 4 Numbers
Expiration Date
b) Deposit Account Number 13-3402
Authorized User Name Anthony Zelano

9. Signature.

Signature

November 15, 2006

Date

Anthony J. Zelano, Reg. No. 27,969

Name of Person Signing

Attorney Docket No. ITO-0001

Total number of pages including cover sheet, attachments, and documents 2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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PATENT
REEL: 018601 FRAME: 0721



10/592280

IAP12 Rec'd PCT/PTO 18 SEP 2006

For PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)

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

F

09-19-2006

SHEET



103309137

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1 documents or the new address(es) below..

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Masato MATUBARA

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☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

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Signature

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Name of Person Signing

Attorney Docket No. ITO-0001

September 8, 2006
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PATENT
REEL: 018601 FRAME: 0722

ASSIGNMENT

ATTY. DOCKET NO.

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement(s) relating to

and for which one or more of the following apply:

- ☐ U.S. Provisional Application Serial No. was filed in the United States Patent and Trademark Office on
- ☒ A U.S. Non-Provisional
- ☐ application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.
- ☐ Application Serial No. for Letters Patent was filed in the U.S. Patent and Trademark Office on
- ☒ as International Application No. PCT/JP2005/003489 was filed on March 02, 2005, designating the United States.

AND WHEREAS

Idemitsu Kosan Co., Ltd.

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and all application(s) listed above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

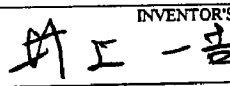

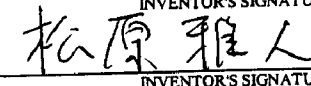
NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the right to sue for damages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment information which may be necessary or desirable in order for the United States Patent and Trademark Office to properly record this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

201 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Kazuyoshi INOUE		Aug. 11, 2006
202 FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Shigekazu TOMAI		Aug. 11, 2006
203 FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Masato MATUBARA		Aug. 11, 2006
204 FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
205 FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
206 FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
207 FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
208 FULL NAME OF EIGHTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
209 FULL NAME OF NINTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE

PATENT

RECORDED: 11/15/2006

REEL: 018601 FRAME: 0723