

CORRECTED DOCUMENT (of PTO-1595/Assignment recorded at Reel: 016413 , Frame: 0447) Doc. No. 700255515AFORM PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 8/30/2005)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office**RECORDATION FORM COVER SHEET** Attorney Docket No.: 7412/84305
PATENTS ONLY

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

1. Name of conveying party(ies)/Execution Date(s):Satoshi TAKEDA Yoshihito NAKAHARA
Masumi KOBAYASHI
Shinya SUEYOSHI
Masatoshi KAMATA

Ikuo KINOSHITA

Execution Date(s) March 18, 2005Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**2. Name and address of receiving party(ies)**Name: Mitsubishi Rayon Co., Ltd.

Internal Address: _____

Street Address: 6-41, Konan 1-chomeCity: Minato-kuState: TokyoCountry: Japan

Zip: _____

Additional name(s) and address(es) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒
- Assignment
- ☐
- Merger
-
- ☐
- Security Agreement
- ☐
- Change of Name
-
- ☐
- Government Interest Assignment

☒ Other Assignee information incorrect (Reel016413, Frame 0447, Doc. No. 700255515A**4. Application or patent number(s):**☒ This document is being filed together with a new application.

A. Patent Application No.(s)

11/087,593

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5 Name and address to whom correspondence concerning document should be mailed:**Name: Kendrew H. ColtonFITCH, EVEN, TABIN & FLANNERYStreet Address: 1801 K Street, NW, Suite 401LCity: WashingtonState: D.C. ZIP: 20006-1201Phone Number: (202) 419-7000Fax Number: (202) 419-7007Email Address: Kcolton@fitcheven.com**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41).....\$ 40.00**

- ☒
- Authorized to be charged to deposit account referencing Order No. 7412/84305.
-
- ☐
- Enclosed
-
- ☐
- None required (government interest not affecting title)

8. Payment InformationDeposit Account Number 06-1135Authorized User Name Kendrew H. Colton**9. Signature:**

Signature

May 2, 2006

Date

Name of Person Signing Kendrew H. ColtonRegistration No. 30,368

Total number of pages including cover sheet, attachments, and documents: _____

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22304-1450**PATENT**

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PAGE 003/010

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CORRECTED DOCUMENT (of 04/03/2006 Assignment Recorded at Reel: 016413 , Frame: 0447)

04/03/2006
700255515FORM PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office**RECORDATION FORM COVER SHEET** Attorney Docket No.: 7412/84305
PATENTS ONLY

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1. Name of conveying party(ies)/Execution Date(s):Satoshi TAKEDA Yoshihito NAKAHARA
Masumi KOBAYASHI
Shinya SUEYOSHI
Masatoshi KAMATA
Ikuro KINOSHITAExecution Date(s) March 18, 2006Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**2. Name and address of receiving party(ies)**Name: Mitsubishi Rayon Co., Ltd.

Internal Address: _____

Street Address: 8-41, Konan 1-chomeCity: Minato-kuState: TokyoCountry: Japan

Zip: _____

Additional name(s) and address(es) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

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

A. Patent Application No.(s)

11/087,593

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Kendrew H. ColtonFITCH, EVEN, TABIN & FLANNERYStreet Address: 1801 K Street, NW, Suite 401LCity: WashingtonState: D.C. ZIP: 20006-1201Phone Number: (202) 419-7000Fax Number: (202) 419-7007Email Address: Kcolton@fitcheven.com**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41).....\$ 40.00**☒ Authorized to be charged to deposit account referencing Order No. 7412/84305,☐ Enclosed☐ None required (government interest not affecting title)**8. Payment Information**Deposit Account Number 06-1135Authorized User Name Kendrew H. Colton**9. Signature:**

Signature

April 3, 2006

Date

Name of Person Signing Kendrew H. ColtonRegistration No. 30,368Total number of pages including cover sheet, attachments, and documents: 4Documents to be recorded (including cover sheet) should be faxed to (703) 308-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450PATENT
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FORM PTO-1585 (Rev. 06/04)
OMB No. 0551-0027 (exp. 6/30/2006)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark OfficeRECORDATION FORM COVER SHEET
PATENTS ONLY

04-05-2005



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To the Director of the U.S. Patent and Trademark Office

... attachments or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Satoshi TAKEDA Yoshinori NAKAHARA
Masumi KOBAYASHI
Shinya SUEYOSHI
Masatoshi KAMATA
Ikuro KINOSHITAExecution Date(s) March 18, 2005Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Mitsubishi Rayon Co., Inc. LTD.

Internal Address: _____

Street Address: 6-41, Konan 1-chomeCity: Minato-kuState: TokyoCountry: Japan

Zip: _____

Additional name(s) and address(es) attached? ☐ Yes ☒ No

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- ☒
- Authorized to be charged to deposit account referencing Order No. 7412/84305.
-
- ☐
- Enclosed
-
- ☐
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 08-1135Authorized User Name Kendrew H. Colton

9. Signature: _____

Signature

March 24, 2005

Date

Name of Person Signing Kendrew H. ColtonRegistration No. 30,368Total number of pages including cover sheet, attachments, and documents: 4Documents to be recorded (including cover sheet) should be faxed to (703) 308-6998, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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Please return signed/recorded to:

Fitck, Even, Tabin & Flannery
1801 K Street, N.W., Suite 401L
Washington, D.C. 20006-1201

USA Patent Appln.
Sole or Joint

For inventions made outside USA
executed with or after application
Atty. Dkt. _____

NONPROVISIONALASSIGNMENTNONPROVISIONALOF NONPROVISIONAL APPLICATION

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
NAME(S) OF
INVENTOR(S)

(1) Satoshi TAKEDA
(3) Shinya SUEYOSHI
(5) Ikuo KINOSHITA

(2) Masumi KOBAYASHI
(4) Masatoshi KAMATA
[X] x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT

Mitsubishi Rayon Co., Ltd.,

NAME(S) OF

6-41, Konan 1-chome, Minato-ku, Tokyo, Japan

ASSIGNEE(S)

& ADDRESS(ES)

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION

HOLLOW FIBER MEMBRANE MODULE, HOLLOW FIBER MEMBRANE MODULE UNIT,
MEMBRANE FILTRATION DEVICE USING THE SAME AND METHOD OF OPERATING
THE SAME

for which the undersigned executed an application for Letters Patents of the United States of

America:

NOTE-->>

(A) ☒ even date herewith

(Complete

(B) ☐ on _____

See A, B and/or C)

(C) ☐ in U.S. Appln. No. _____ / _____

filed _____

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE-->>The undersigned hereby authorize(s) Fitck, Even, Tabin & Flannery of the above address to insert herein any further identification necessary or desirable for recordation of this document.

INVENTORSDATE SIGNEDWITNESSES1) Satoshi TakedaMarch 18, 2005Kenji Koda

Name: Satoshi TAKEDA

PATENT

REEL: 017582 FRAME: 0778

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PAGE 006/010

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OSP-17A23
US 8/23

INVENTORSDATE SIGNEDWITNESSES

2) Masumi Kobayashi
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March 18, 2005Kenji Kondo

3) Shinya Sueyoshi
Name: Shinya SUEYOSHI

March 18, 2005Kenji Kondo

4) Masatoshi Kamata
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March 18, 2005Kenji Kondo

5) Ikuo Kinoshita
Name: Ikuo KINOSHITA

March 18, 2005Kenji Kondo

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05 3/3

ASSIGNMENT
(Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

INSERT
NAME(S) OF
INVENTOR(S)

(6) Yoshihito NAKAHARA

(8)

(10)

(12)

(14)

(7)

(9)

(11)

(13)

(15)

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

INVENTORS

DATE SIGNED

WITNESSES

6)

Name: Yoshihito NAKAHARA

March 18, 2005

7)

Name:

8)

Name:

9)

Name:

10)

Name:

11)

Name:

12)

Name:

13)

Name:

14)

Name:

15)

Name:

