

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

NATURE OF CONVEYANCE:

Corrective Assignment to correct the Assignee's Address from Oaka-shii to Osaka-shi previously recorded on Reel 017267 Frame 0594. Assignor(s) hereby confirms the Assignment of Assignor's Interest.

CONVEYING PARTY DATA

Name	Execution Date
Kota Kitamura	04/08/2005
Yoshimitsu Sakaguchi	04/08/2005
Shigenori Nagahara	04/08/2005
Shiro Hamamoto	04/08/2005
Naohiko Takimoto	04/08/2005
Hideki Sugihara	04/08/2005
Satoshi Takase	04/08/2005
Tooru Kitagawa	04/08/2005
Miyako Noshiro	04/11/2005

RECEIVING PARTY DATA

Name:	TOYO BOSEKI KABUSHIKI KAISHA
Street Address:	2-8, Dojimahama 2-chome, Kita-ku
City:	Osaka-shi, Osaka
State/Country:	JAPAN
Postal Code:	530-8230

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10530965

CORRESPONDENCE DATA

Fax Number: (202)220-4201

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: (202) 220-4200

Email: menglish@kenyon.com

Correspondent Name: Denise English

PATENT

500097141

REEL: 017518 FRAME: 0367

CH \$40.00 10530965

Address Line 1:	1500 K Street, N.W.
Address Line 2:	Suite 700
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005-1257

ATTORNEY DOCKET NUMBER:	12477/8
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NAME OF SUBMITTER:	Cassandra T. Swain
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Total Attachments: 5  
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11-30-2005

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



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11 APR 2005

Tab settings

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

1. Name of conveying party(ies):

Kota KITAMURA  
Yoshimitsu SAKAGUCHI  
Shigenori NAGAHARA  
Shiro HAMAMOTO  
Naohiko TAKIMOTO  
Hideki SUGIHARA  
Satoshi TAKASE  
Tooru KITAGAWA  
Miyako NOSHIRO

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

2. Name and address of receiving party(ies)

Name: TOYO BOSEKI KABUSHIKI KAISHA

Internal Address:

Street Address: 2-8, Dojimahama 2-chome, Kita-ku

City: Osaka-shhi State: Osaka Zip: 530-8230 JAPAN

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: 08 April 2005 (all except Noshiro)  
11 April 2005 Miyako NOSHIRO

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: 08 & 11 April 2005

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

John C. Altmiller  
Kenyon & Kenyon  
1500 K Street, NW  
Suite 700  
Washington, DC 20005

Attorney Docket No.: 12477/8

Customer No. 23838

04/15/2005 MKAYPAGH 00000094 110600 10530965  
01 FT:8021 40.00 DA

6. Total number of applications and patents involved: 1

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

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number:

11-0600

(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.

John C. Altmiller  
Name of Person Signing

Signature

11 April 2005  
Date

Total number of pages including cover sheet, attachments, and documents: 5

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

PATENT  
REEL: 017518 FRAME: 0369

## ASSIGNMENT

WHEREAS, we, (1) Kota KITAMURA, (2) Yoshimitsu SAKAGUCHI, (3) Shigenori NAGAHARA, (4) Shiro HAMAMOTO, (5) Naohiko TAKIMOTO, (6) Hideki SUGIHARA, (7) Satoshi TAKASE, (8) Tooru KITAGAWA, and (9) Miyako NOSHIRO, citizens of Japan, residing at (1)-(4) and (6)-(8) Otsu-shi, Shiga, Japan, (5) Yokohama-shi, Kanagawa, Japan and (9) Osaka-shi, Osaka, Japan (hereinafter referred to as "the Assignor"); have made new and useful improvements in an invention entitled Composite Ion Exchange Membrane, for which we are about to make application for Letters Patent in the United States, said application having been executed on even date hereof; and

WHEREAS, TOYO BOSEKI KABUSHIKI KAISHA, a corporation organized and existing under and by virtue of the laws of Japan, having its principle place of business at 2-8, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8230 Japan, who, together with its successors and assigns, (hereinafter called "Assignee,") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

NOW, THEREFORE, in consideration of the equivalent of One U.S. Dollar (U.S. \$1.00) and other valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the Entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, including all divisional, renewal, substitute, and continuation applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of letters Patent granted for said inventions and discoveries or upon said applications.

2. Authorize and request the Assistant Commissioner for Patents of the United States of America to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.


3. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance.

4. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 8th day of April, 2005.

  
\_\_\_\_\_  
Kota KITAMURA

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 8th day of April, 2005.

  
\_\_\_\_\_  
Yoshimitsu SAKAGUCHI

IN TESTIMONY WHEREOF, I have hereunto set my hand and  
seal this 8th day of April, 2005.

Shigenori Nagahara  
Shigenori NAGAHARA

IN TESTIMONY WHEREOF, I have hereunto set my hand and  
seal this 8th day of April, 2005.

Shiro Hamamoto  
Shiro HAMAMOTO

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seal this 8th day of April, 2005.

Naohiko Takimoto  
Naohiko TAKIMOTO

IN TESTIMONY WHEREOF, I have hereunto set my hand and  
seal this 8th day of April, 2005.

Hideki Sugihara  
Hideki SUGIHARA

IN TESTIMONY WHEREOF, I have hereunto set my hand and  
seal this 8th day of April, 2005.

Satoshi Takase  
Satoshi TAKASE

IN TESTIMONY WHEREOF, I have hereunto set my hand and  
seal this 8th day of April, 2005.

*Tooru Kitagawa*

Tooru KITAGAWA

IN TESTIMONY WHEREOF, I have hereunto set my hand and  
seal this 11th day of April, 2005.

*Miyako Noshiro*

Miyako NOSHIRO