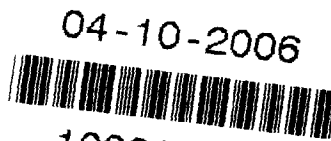


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1. Name of conveying party(ies):

Seigo KOTERA
Hirokazu WAKABAYASHI
Shinji KINOSHITA
Hiroshi SHIMODA

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

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

Name: Asahi Glass Company, Limited
Address: 12-1, Yurakucho 1-chome, Chiyoda-ku, TOKYO
100-8405 JAPAN

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

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
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Execution Date: December 27, 2005

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application

A. Patent Application No.(s)

11/312,342

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

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6. Total applications and patents involved: one

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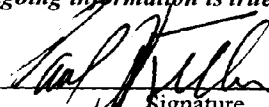
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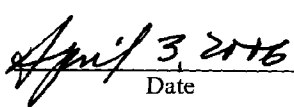
9. Statement and signature

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.

Frederick D. Vastine, Ph.D.

Name of Person Signing


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PATENT
REEL: 017750 FRAME: 0614

Assignment of Application

WHEREAS, I (WE) Seigo Kotera of Yokohama-shi, Kanagawa, Japan,

Hirokazu Wakabayashi of Yokohama-shi, Kanagawa, Japan,

Shinji Kinoshita of Yokohama-shi, Kanagawa, Japan and

Hiroshi Shimoda of Yokohama-shi, Kanagawa, Japan

, respectively,

have invented certain new and useful improvements in: ELECTROLYTE MEMBRANE, PROCESS FOR ITS
PRODUCTION AND MEMBRANE-ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELLS

(Application No. 11/312,342, filed Décember 21, 2005), and

WHEREAS, Asahi Glass Company, Limited

(hereinafter referred to as "ASSIGNEE") having a place of business at: 12-1, Yurakucho 1-chome, Chiyoda-ku,
TOKYO 100-8405 JAPAN is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, 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 by me (us) had this Assignment and sale not been made.

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

INSERT TITLE OF
INVENTION:

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Dec. 27 2005

Seigo Kotera
(Signature of Inventor) Seigo Kotera

Date: Dec. 27 2005

Hirokazu Wakabayashi
(Signature of Inventor) Hirokazu Wakabayashi

Date: Dec. 27 2005

Shinji Kinoshita
(Signature of Inventor) Shinji Kinoshita

Date: Dec. 27 2005

Hiroshi Shimoda
(Signature of Inventor) Hiroshi Shimoda

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314