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1. Name of conveying party(ies): Takahiko Asaoka
Additional name(s) of conveying party(ies) attached? [] Yes [x] No

2. Name and address of receiving party(ies)
Name: KENKYUSHO
Internal Address:
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Additional name(s) & address(es) attached: [] Yes [x] No

3. Nature of Conveyance:
[x] Assignment [] Merger
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[] Other
Execution Date: June 30, 2004

4. Application number(s) or patent number(s): 101891205
If this document is being filed together with a new application, the execution date of the new application is: June 30, 2004
A. Patent Application No.(s):
B. Patent No.(s):
Additional numbers attached? [] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Joseph R. Robinson DARBY & DARBY P.C.
Internal Address: Atty. Dkt.: 20179/0201203-USO
Street Address: P.O. Box 5257
City: New York State: NY Zip: 10150-5257

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
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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.
Marie Collazo - 44,085 Name of Person Signing
Signature: [Handwritten Signature]
Date: July 13, 2004
Total number of pages including cover sheet, attachments, and documents: 3

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PATENT REEL: 015579 FRAME: 0920

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ASSIGNMENT

I, Takahiko Asaoka, a citizen of Japan, residing at Nagoya-shi, Aichi-ken, 464-0015, JAPAN;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO

a organized under the laws of Japan, located at 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi-ken, 480-1192, JAPAN (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **in and for the United States of America only** in and to my Invention entitled:

FUEL CELL ELECTRODE, FUEL CELL, AND

MANUFACTURING METHODS THEREOF

invented by me and described in the specification bearing the below Attorney Docket No. and title executed by me concurrently herewith; and Patent Application No. 2003-278836, filed on July 24, 2003, in Japan and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and

desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: 30/June/2004

Takahiko Asaoka
Takahiko Asaoka, Inventor