



05-15-2003



102448300

To the Honorable Commissioner of Patents

PLEASE: Please record the attached original documents or copy thereof.

1. Name of conveying party or parties:
Makato HATANO **5-9-03**

Additional name(s) of conveying party or parties attached: Yes No

2. Name and address of receiving party or parties:
Name: AISAN KOGYO KABUSHIKI KAISHA

Internal Address: _____

Street Address: 1-1-1 Kyowa-cho

City: Obu-shi, Aichi-ken State: _____

Country: JAPAN Zip: _____

Additional name(s) and address(es) attached:
 Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: April 15, 2003

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: April 15, 2003

A. Patent Application No.(s):
 S.N. 10/423,941, filed 4/28/03

Additional number(s) attached? Yes No

B. Patent No.(s):

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

Name: Dennison, Schultz & Dougherty
 Attention: Ira J. Schultz
 Street Address: 1745 Jefferson Davis Highway, Suite 612

City: Arlington State: VA Zip: 22202-3417

05/12/2003 TL0011 00000001 10423941
 01 FC:8021 40.00 DP

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
 Authorized to be charged to credit card (PTO-2038)

8. Deposit Account number:
 (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

Ira J. Schultz  5/9/03
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments and document: 3

Mail documents with required cover sheet information to:
 Commissioner of Patents and Trademarks, Box Assignments,
 Washington, DC 20231

PATENT
REEL: 014055 FRAME: 0415

ASSIGNMENT FOR US PATENT APPLICATION

WHEREAS, the undersigned inventor, Makoto Hatano c/o Aisan Kogyo Kabushiki Kaisha, 1-1-1 Kyowa-cho, Obu-shi, Aichi-ken, Japan (hereinafter referred to as "the Assignor"), has invented certain new and useful improvements in "FUEL CELL SYSTEM PROVIDED WITH FLUORIDE ABSORBER," for which a US patent application will be filed, and the serial number and filing date will be entered below by the Assignor or its designate, when that information becomes available; and

WHEREAS, AISAN KOGYO KABUSHIKI KAISHA, a corporation duly organized under and pursuant to the laws of Japan, and having a principal place of business at 1-1-1 Kyowa-cho, Obu-shi, Aichi-ken, Japan (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest of the Assignor in and to said improvements, the entire right, title and interest of the Assignor in and to any US patent application(s) based on said improvements, and in and to any Patent(s) of the United States, to be obtained therefor and thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, do hereby sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest of the Assignor in and to the above-mentioned improvements, the entire right, title and interest of the Assignor in and to any US patent applications and any and all Patent of the United States of America that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants to and agrees with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the improvements set forth in said above-mentioned application, and that the same right, title, and interest are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants to and agrees with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said improvements or said applications for Patents, or any proceeding in connection with Patents for said improvements in the United States of America, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Patents, or any reissue or extension of any Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Patents for said improvements, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, their successors, legal representatives, and assigns:

AND Assignor hereby authorizes the Assignee, its successors and assigns, or anyone it may properly designate, to insert below the filing date and serial number of said patent application, when said filing date and serial number become available:

US Patent Application Serial No. 10/423,941 Filing Date April 28, 2003 ;

AND the Assignor hereby requests the Commissioner of Patents and Trademarks to issue any and all said Patent(s) of the United States to the Assignee as the Assignee of said improvements, the Patent(s) to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: April 15, 2003 Name of Assignor Makoto Hatano
Makoto HATANO