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10-02-1998

FR SHEET

OMB No. 0651-0011 (exp. 4/94)

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100842988

To the Honorable Commissioner of

the attached original documents or copy thereof.

1. Name of conveying party(ies)

Akira Fuju
Yosio Azegami
Nobuyoshi Nishizawa
Akio Kawakami
Katsuyuki Makihara
Taketoshi Ouki
Akira Hamada
Koji Shindo
Tatsuji Hatayama
Satoshi Yamamoto
Osamu Tajima

2. Name and address of receiving party(ies)

Name: SANYO ELECTRIC CO., LTD.

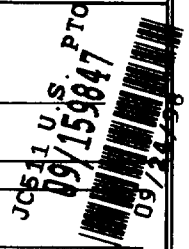
Internal Address: _____

Street Address: 2-5-5, Keihanondori

Moriguchi-shi

Country: JAPAN

City: Osaka-fu State _____ Zip _____



Additional name(s) of conveying party(ies) attached? [] Yes [X] No

Additional name(s) & address(es) attached? [] Yes [X] No

3. Nature of conveyance: **MAD 9.24.98**

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: September 21, 1998, respectively

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: September 21, 1998 respectively

A. Patent Application No.(s)

B. Patent No.(s)

09/159,847

Additional numbers attached? [] Yes [X] No

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

Weingarten, Schurgin, Gagnebin & Hayes LLP
Ten Post Office Square
Boston, Massachusetts 02109

6. Total number of applications and patents involved: [1]

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 23-0804

(Attach duplicate copy of this page if paying by deposit account)

10/01/98
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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.

Attorney name: Charles L. Gagnebin III
Registration No. 25,467

Signature

Date

Charles L. Gagnebin III 9-24-98

Total number of pages including cover sheet, attachments, and document: [4]

ASSIGNMENT

For value received, I/we, Akira Fujii, Yosio Azeqami, Nobuyoshi Nishizawa, Akio Kawakami, Katsuyuki Makihara, Taketoshi Ouki, Akira Hamada, Koji Shindo, Tatsuji Hatayama, Satoshi Yamamoto and Osamu Tajima

residing at 1-1-1, Sakata, Oizumi-machi, Ora-gun, Gunma-ken, Japan; 699-5, Dainogou, Ota-shi, Gunma-ken, Japan; 908-6, Onumata-cho, Ashikaga-shi, Tochigi-ken, Japan; 1-15-73, Chuo, Kuki-shi, Saitama-ken, Japan; 2-2, Izumi, Oizumi-machi, Ora-gun, Gunma-ken, Japan; 1425, Otuki-cho, Ashikaga-shi, Tochigi-ken, Japan; 1-9-23, Hajika-cho, Ashikaga-shi, Tochigi-ken, Japan; 29-1, Kumano-cho, Ota-shi, Gunma-ken, Japan; 1425, Otuki-cho, Ashikaga-shi, Tochigi-ken, Japan; H1-311, Yoshida-danchi, Oaza-yoshida, Oizumi-machi, Ora-gun, Gunma-ken, Japan; and 1425, Otuki-cho, Ashikaga-shi, Tochigi-ken, Japan

_____, (respectively), hereby sell, assign, and transfer to _____
SANYO ELECTRIC CO., LTD.

a corporation existing under the Laws of Japan, located at _____
2-5-5, Keihanondori, Moriguchi-shi, Osaka-fu, Japan
 and its successors, assigns, and legal representatives, the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to _____

MOVABLE FUEL CELL APPARATUS

described in an application for Letters Patent of the United States, executed by me/us on this date, and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents to issue all patents on said improvements or resulting therefrom to said Company as assignee of the entire interest, and covenant that I/we have full right so to do, and agree that I/we will communicate to said Company or its representatives any facts known to me respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

Signature <u>Akira Fujii</u>	Date <u>21 September 1998</u>
Signature <u>Y. Azeqami</u>	Date <u>21 September 1998</u>
Signature <u>Nishizawa</u>	Date <u>21 September 1998</u>
Signature <u>Akio Kawakami</u>	Date <u>21 September 1998</u>
Signature <u>Katsuyuki Makihara</u>	Date <u>21 September 1998</u>

Witness Masaki Tomiyama Date 21 September 1998

ASSIGNMENT

For value received, I/we, _____

residing at _____

_____, (respectively), hereby sell, assign, and transfer to _____

a corporation existing under the Laws of Japan, located at _____

and its successors, assigns, and legal representatives, the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to _____

described in an application for Letters Patent of the United States, executed by me/us on this date, and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents to issue all patents on said improvements or resulting therefrom to said Company as assignee of the entire interest, and covenant that I/we have full right so to do, and agree that I/we will communicate to said Company or its representatives any facts known to me respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

Signature Takeroichi Otsui

Date 21 September 1998

Signature Shizuo Hamada

Date 21 September 1998

Signature Koji Shindo

Date 21 September 1998

Signature Tatsuji Horiyama

Date 21 September 1998

Signature Satoshi Yamamoto

Date 21 September 1998

Witness Masaki Taniguchi

Date 21 September 1998

ASSIGNMENT

For value received, I/we, _____

residing at _____

_____, (respectively), hereby sell, assign, and transfer to _____

a corporation existing under the Laws of Japan, located at _____

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described in an application for Letters Patent of the United States, executed by me/us on this date, and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents to issue all patents on said improvements or resulting therefrom to said Company as assignee of the entire interest, and covenant that I/we have full right so to do, and agree that I/we will communicate to said Company or its representatives any facts known to me respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

Signature Osamu Tajima

Date 21 September 1998

Signature _____

Date _____

Signature _____

Date _____

Signature _____

Date _____

Signature _____

Date _____

Witness Masaki Tanj

Date 21 September 1998