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11/701397

FORM PTO-1595
(Rev. 08/05)



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 065933-0321

103376554

To the Director of the U. S. Patent

attached documents or the new address(es) below.

1. Name of Conveying Party(ies)

Kunihiro NAKATO, Atsuo SONAI

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

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): January 19, 2007, January 22, 2007
(Respectively)

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

2. Name and address of receiving party(ies)

Name(1): SANYO ELECTRIC CO., LTD.

Address: 5-5, Keihan-Hondori 2-chome,
Moriguchi-shi,
Osaka JAPAN

Name(2): SAMSUNG ELECTRONICS CO., LTD.

Address: 416, Maetan-Dong, Yeongtong-Gu, Suwon-Si,
Gyeonggi-Do, REPUBLIC OF KOREA

Name(3): SAMSUNG SDI CO., LTD.

Address: 575, Shin-Dong, Yeongtong-Gu, Suwon-Si,
Gyeonggi-Do, REPUBLIC OF KOREA

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

4. Application or patent number(s):

A. Patent Application No(s).

This document is being filed together with a new application.

B. Patent No(s).

Additional numbers attached? Yes No

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

Name: MCDERMOTT WILL & EMERY LLP
Internal Address:
Street Address: 600 13th Street, N.W.
City: Washington State: D. C. Zip: 20005-3096
Phone Number: 202.756.8000
Fax Number: 202.756.8087
Email Address:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- Authorized to be charged by credit card
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9. Signature.

Stephen A. Becker, 26,527

February 20, 2007

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents: 2

Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) Kunihiro Nakato (4) _____
- (2) Atsuo Sonai (5) _____
- (3) _____ (6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Sanyo Electric Co., Ltd. of 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka Japan
Samsung Electronics Co., Ltd. of 416, Mactan-Dong, Yeongtong-Gu, Suwon-Si,
Gyeonggi-Do, Republic of Korea
Samsung SDI Co., Ltd. of 575, Shin-Dong, Yeongtong-Gu, Suwon-Si, Gyeonggi-Do,
Republic of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

FUEL CELL ELECTROLYTE, MEMBRANE ELECTRODE ASSEMBLY, AND METHOD OF MANUFACTURING FUEL CELL ELECTROLYTE

- (a) for which an application for United States Letters Patent was filed on _____ and identified by United States Serial No. _____ ; or
- (b) for which an application for United States Letters Patent was executed on _____ .

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>Kunihiro Nakato</u> Name: Kunihiro Nakato	<u>17 January, 2007</u>
2) <u>Atsuo Sonai</u> Name: Atsuo Sonai	<u>22 January, 2007</u>