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FORM PTO-1595 (Rev. 10/02)

12-09-2004

Docket No.: 50395-279



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

10/506510

To the Honorable Commissioner for Patents

Send original documents or copy thereto:

1. Name of Conveying Party(ies): 102898137

Teruo AMOH, Takashi ISHII, Kenjiro HIGAKI, Yasushi TSUZUKI

Name: SUMITOMO ELECTRIC INDUSTRIES, LTD.

Address: 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, JAPAN 541-0041

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

3. Nature of Conveyance:

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

Execution Date: June 14, 2004, June 14, 2004, June 9, 2004, June 14, 2004

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

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

If the document is being filed together with a new application, the execution date of the application is: June 14, 2004, June 14, 2004, June 9, 2004, June 14, 2004

A. Patent Application No(s).

B. Patent No(s).



Additional numbers attached?  Yes  No

5. Name and address of party 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

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

8. Deposit account number: 500417

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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.

Gene Z. Rubinson, 33,351

Gene Z. Rubinson (Signature)

September 3, 2004

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: 2

OMB No. 0651-0027 (exp. 6/30/2005)

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) Teruo AMOH
- (2) Takashi ISHII
- (3) Kenjiro HIGAKI
- (4) Yasushi TSUZUKI
- (5)
- (6)

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

Sumitomo Electric Industries, Ltd. of 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 541-0041 Japan

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

**SUBMOUNT AND SEMICONDUCTOR DEVICE**

- (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 of 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 an 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 dated indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>Teruo Amoh</u> Name: Teruo AMOH	<u>June, 14, 2004</u>
2) <u>Takashi Ishii</u> Name: Takashi ISHII	<u>June, 14, 2004</u>
3) <u>Kenjiro Higaki</u> Name: Kenjiro HIGAKI	<u>June, 9, 2004</u>
4) <u>Yasushi Tsuzuki</u> Name: Yasushi TSUZUKI	<u>June, 14, 2004</u>
5) _____ Name: _____	_____
6) _____ Name: _____	_____