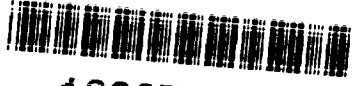


RECORD.

04-23-1999

Correction
MLP 2-16-99



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ments or copy thereof.

TO THE ASSISTANT COMMISSIONER FOR PATI

1. Name of conveying party(ies): (If multiple assignors, list numerically)

- 1. Satoshi Koizumi
- 2. Masaki Yoshimaru
- 3. Yukihiro Mori
- 4. Hideaki Fukuda

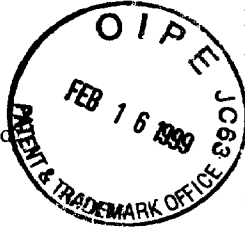
Additional name(s) of conveying party(ies) attached? () Yes (X) No

2. Name and address of receiving party(ies):

Name: ASM Japan K.K.
Address: 23-1 Nagayama 6-chome Tama-shi Tokyo Japan

Name: Oki Electric Industry Co., Ltd.
Address: 7-12 Toranomom 1-chome Minato-ku Tokyo Japan

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



3. Nature of conveyance:

- (X) Assignment
- () Merger
- () Security Agreement
- () Change of Name
- () Other:

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

() Application(s) filed herewith Execution Date(s):

(X) Patent Application No.: 08/817,954
Filing Date: December 5, 1997

() Patent No.:
Issue Date:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

- 1. June 9, 1997
- 2. June 9, 1997
- 3. June 3, 1997
- 4. June 2, 1997

Additional numbers attached? () Yes (X) No

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

Name: Gordon H. Olson
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995
Internal Address: Sixteenth Floor
Street Address: 620 Newport Center Drive
City: Newport Beach State: CA ZIP: 92660
Attorney's Docket No.: TAKEU5.001APC

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

- (X) Paid on December 17, 1997
- () Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Gordon H. Olson
Name of Person Signing

Gordon H. Olson
Signature

February 8, 1999

40E
Date

20,319
Registration No.

Total number of pages including cover sheet, attachments and document: 5

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

08/817,954
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02/26/1999 TT0011

ASSIGNMENT

WHEREAS, We, Satoshi Koizumi, a Japanese citizen, residing at c/o Oki Electric Industry Co., Ltd., 7-12 Toranomom 1-chome Minato-ku Tokyo 105 Japan, Masaki Yoshimura, a Japanese citizen, residing at c/o Oki Electric Industry Co., Ltd., 7-12 Toranomom 1-chome Minato-ku Tokyo 105 Japan, Yukihiro Mori, a Japanese citizen, residing at c/o ASM Japan K.K., 23-1 Nagayama 6-chome Tama-shi Tokyo 206 Japan and Hideaki Fukuda, a Japanese citizen, residing at c/o ASM Japan K.K., 23-1 Nagayama 6-chome Tama-shi Tokyo 206 Japan, have invented certain new and useful improvements in a METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE for which we have executed an application for Letters Patent in the United States on April 9, 1997 as an Application Serial No. 08/817,954;

AND WHEREAS, ASM Japan K.K., a corporation of Japan, with its principal office at 23-1 Nagayama 6-chome Tama-shi Tokyo 206 Japan and Oki Electric Industry Co., Ltd., a corporation of Japan with its principal office at 7-12 Toranomom 1-chome Minato-ku Tokyo 105 Japan (hereinafter "ASSIGNEE") desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) each to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

This 9 day of June, 1997

Satoshi Koizumi
Satoshi KOIZUMI

This 9 day of June, 1997

Masaki Yoshimura
Masaki YOSHIMURA

This 3 day of June, 1997

Yukihiro Mori
Yukihiro MORI

Application No.: 08/817,954
Filing Date: April 9, 1997

PATENT
Client Code: TAKEU5.001APC
Page 2

This 2 day of June, 1997 H. Fukuda
Hideaki FUKUDA

Witness

Witness

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RECORDED: 02/16/1999

PATENT
REEL: 9723 FRAME: 0789