

09-30-2002

SHEET



102237002

Attorney's Docket No. 026905-023

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 9-24-02
 Shunji KUBO
 Atsushi AMOO

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

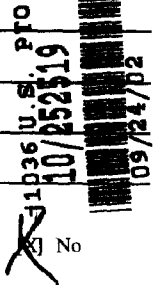
3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name

Other: _____

Execution Date: August 20, 2002

2. Name and address of receiving party(ies):
 Name: Mitsubishi Denki Kabushiki Kaisha
 Address: 2-3, Marunouchi 2-chome
Chiyoda-ku, Tokyo 100-8310
JAPAN

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



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: August 20, 2002

A. Patent Application No.(s)
 B. Patent No.(s)

Additional numbers attached? Yes No

10/252519

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Platon N. Mandros
 Address: BURNS, DOANE, SWECKER & MATHIS, L.L.P.
P.O. Box 1404
Alexandria, Virginia 22313-1404

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, if necessary

8. Deposit account number:
02-4800

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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.

Platon N. Mandros, Reg. No. 22,124
Name of Person Signing

September 24, 2002
Date

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

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

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

09/25/2002 HBENE861 00000031 10252519
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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) Shunji KUBO

(2) Atsushi AMOO

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

Mitsubishi Denki Kabushiki Kaisha
2-3, Marunouchi 2-chome
Chiyoda-ku, Tokyo 100-8310
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

METHOD FOR MANUFACTURING A SEMICONDUCTOR DEVICE

for which an application for United States Letters Patent was executed on even date herewith,

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 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) Shunji KUBO
Name: Shunji KUBO

August 20, 2002

2) Atsushi AMOO
Name: Atsushi AMOO

August 20, 2002