

04-17-2003



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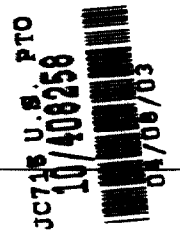
Submission Type

- New
- Resubmission (Non-Recordation) Document ID #
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41-Y-V3

Conveyance Type

- Assignment
- License
- Merger
- Security Agreement
- Change of Name
- Other:



Conveying Party(ies)

1. Naoto ANDOH
2. Takao ISHIDA
3. Kenji HOSOGI
- 4.
- 5.
- 6.

Execution Date(s)

- March 25, 2003
- March 25, 2003
- March 25, 2003

Mark if Additional Names of Conveying Parties Attached

Receiving Party

Name Mitsubishi Denki Kabushiki Kaisha
 Name
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 Address Chiyoda-ku
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 City State/Country Zip Code

Mark if Additional Names of Receiving Parties Attached

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 Attorney Docket No. 402587/TAKADA

Pages Enter the total number of pages of the attached conveyance document including any attachments: 1

Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Numbers

Patent Numbers

04
01

6/2003 TBIAZI 00000037 121216 10408258
 C: A021 40.00 CH

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
March 25, 2003

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT	PCT	PCT
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Number of Properties

Enter the total number of properties involved: 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): 40.00

Method of Payment:

- Enclosed is a check in the amount of \$
- Charge Deposit Account No. 12-1216

Authorization to Charge Additional Fees to Deposit Account No. 12-1216: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Jeffrey A. Wyand
Name of Person Signing

Signature

April 8, 2003

Date

Assignment Tml P1

PATENT
REEL: 013956 FRAME: 0832

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6767945

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) Naoto ANDOH
- (2) Takao ISHIDA
- (3) Kenji HOSOGI
- (4) _____

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

SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME

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) <u>Naoto Andoh</u> Name: Naoto ANDOH	<u>March 25, 2003</u>
2) <u>Takao Ishida</u> Name: Takao ISHIDA	<u>March 25, 2003</u>
3) <u>Kenji Hosogi</u> Name: Kenji HOSOGI	<u>March 25, 2003</u>