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Form PTO-1595
RECORDATION FOF



101989460

U.S. Department of Commerce
Patents & Trademark Office

Attorney Docket No. 107317-00042
Date: February 14, 2002

101989460 PTO
10/073922
2/14/02

To the Assistant Commissioner of Patents
Please record the attached original documents or copy thereof

1. Name of conveying party(ies)

Kenichi WATANABE

2-14-02

Additional name(s) of conveying party(ies) attached?

Yes No

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

Name: FUJITSU LIMITED

Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 Japan

Additional name(s) & address(es) attached?

Yes No

3. Nature of conveyance:

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

Execution Date: January 23, 2002

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: January 23, 2002

A. Patent Application No.(s)

10,073922

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Arent Fox Kintner Plotkin & Kahn PLLC

Street Address: 1050 Connecticut Avenue, N.W., Suite 400

Washington, D.C. 20036-5339

6. Total number of applications and patents involved:
One

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

- Included in attached check.
- Any additional fees are authorized to be charged to deposit account

8. Deposit account number: 01-2300
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Charles M. Marmelstein

Charles M. Marmelstein
Signature
27931

February 14, 2002

Name of Person Signing
Reg. No. 25,895

Date

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

CMM/baw

Docket No:

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventors (hereinafter ASSIGNOR) by:

FUJITSU LIMITED
1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

SEMICONDUCTOR DEVICE MANUFACTURING METHOD CAPABLE OF
RELIABLE INSPECTION FOR HOLE OPENING AND SEMICONDUCTOR
DEVICES MANUFACTURED BY THE METHOD

for which application for Letters Patent of the United States was filed on _____,
and assigned Serial No. _____ (Arent Fox Kintner Plotkin & Kahn, PLLC
is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)
and all Letters Patent of the United States to be obtained therefor on said application or any
continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms
for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any
continuing, divisional, reissue or reexamination applications thereof and also to execute separate
assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference,
litigation, or other legal proceeding which may be declared concerning this application or any
continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued
thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing
evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventors have affixed their signatures.

<u>Kenichi WATANABE</u>	<u><i>Kenichi Watanabe</i></u>	<u>Jan. 23, 2002</u>
	(SIGNATURE)	(DATE)
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NO LEGALIZATION REQUIRED