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Form PTO-1595
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102015555

Attorney Docket No. 108397-00068
Date: March 1, 2002

3/1/02

10978 U.S. PTO
10/085026

03/01/02

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

<p>1. Name of conveying party(ies) Naoharu SHINOZAKI</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: FUJITSU LIMITED</p> <p>Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: <u>February 20, 2002</u></p> <p style="text-align: right; font-size: 2em;">10/085026</p>	

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: February 20, 2002

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

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Arent Fox Kintner Plotkin & Kahn PLLC</p> <p>Street Address: 1050 Connecticut Avenue, N.W., Suite 400</p> <p>Washington, D.C. 20036-5339</p>	<p>6. Total number of applications and patents involved: <u>One</u></p> <p>7. Total fee (37 CFR 3.41)..... \$ 40.00</p> <p><input checked="" type="checkbox"/> Included in attached check. <input checked="" type="checkbox"/> Any additional fees are authorized to be charged to deposit account</p> <p>8. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account)</p>
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02 FC:581 40.00 DP

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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.

Charles M. Marmelstein *George E. Oram Jr* March 1, 2002

Name of Person Signing Signature 27931 Date
Reg. No. 25,895

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

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 MEMORY

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>Naoharu Shinozaki</u>	<u><i>Naoharu Shinozaki</i></u> (SIGNATURE)	<u>Feb. 20, 2002</u> (DATE)
_____	_____ (SIGNATURE)	_____ (DATE)
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_____	_____ (SIGNATURE)	_____ (DATE)

NO LEGALIZATION REQUIRED

RECORDED: 03/01/2002

PATENT
REEL: 012661 FRAME: 0677