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U.S. PATENT AND TRADEMARK OFFICE
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05-12-1998

Docket No 1701.03900



100707710

PATENT ASSIGNMENT RECORDATION FORM COVER SHEET

To the Honorable Commissioner of Patents and Trademark, Box Assignments, Washington, D.C. 20231.
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Takashi OHSAWA
Hiroshi MAEJIMA

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

2. Name and address of receiving party(ies):
Name: KABUSHIKI KAISHA TOSHIBA
Internal Address: _____
Street Address: 72 Horikawa-cho, Saiwai-ku

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: April 27, 1998

City: Kawasaki-shi Country: 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: April 27, 1998
A. Patent Application No.(s) B. Patent No.(s)
Additional numbers attached: Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Joseph M. Potenza, Esq.
Internal Address: Banner & Witcoff, Ltd.
Street Address: 1001 G Street, N.W., 11th Floor
City: Washington State: D.C. Zip: 20001-4597

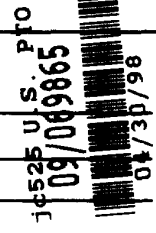
6. Total number of applications and patents involved: 1
7. Total fees (37 CFR 3.41): \$ 40.00
 Enclosed (Charge or credit any difference to deposit account)
 Authorized to be charged to deposit account
8. Deposit account number: 19-0733
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9. Statement 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.

Joseph M. Potenza Reg. No. 28,175
Name of Person Signing

Michael Potenza # 37,725 April 30, 1998
Signature Date
for Joseph M. Potenza, Reg. No. 28,175
Total number of pages including cover sheet, attachments and document: 3



05/06/1998 LSNEED 00000065 09069865

03 FC:581 40.00 OP

A S S I G N M E N T

In consideration of value received, I, having a post office address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

SEMICONDUCTOR MEMORY DEVICE

said application having been filed on _____
and assigned Serial No. _____ ;
sell and assign to
KABUSHIKI KAISHA TOSHIBA
a corporation of Japan, having a business address at
72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

executed concurrently herewith;

executed separately herefrom;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U. S. Patent and Trademark Office for recordation of this document.

Banner & Witcoff, Ltd., 11th Floor, 1001 G Street, N.W., Washington, D. C. 20001-4597

ASSIGNMENT

97S0769

Inventor: (Signature)

Date

Residence

Takashi Ohsawa

APR 27.1998

Yokohama-shi, Japan

Takashi Ohsawa

Hiroshi Maejima

APR 27.1998

Tokyo, Japan

Hiroshi Maejima

RECORDING OFFICER:

After recording please return to:
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RECORDED: 04/30/1998

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