

06-11-1999

mx 6-1-99

Form PTO-1595
1-3-92



101061077

FORM COVER LETTER
S ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No.: 005702-20014

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

SHIBATA, Noboru
TANAKA, Tomoharu
NAKAI, Hiroto
YAMAMURA, Toshio
FUJIMURA, Susumu

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

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

Kabushiki Kaisha Toshiba
72 Horikawa-Cho
Saiwai-Ku, Kawasaki-Shi, Japan

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



3. Nature of conveyance:

Assignment

Execution Date: May 25, 1999

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: May 25, 1999

A. Patent Application No.(s) NOT ASSIGNED

B. Patent No.(s)

Additional numbers attached? Yes No

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

William H. Wright, Esq.
LOEB & LOEB LLP
10100 Santa Monica Blvd., 22nd Floor
Los Angeles, CA 90067-4164

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) \$40

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:

12-1820

(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 is true and correct and any attached copy is a true copy of the original document.

William H. Wright

Date: June 1, 1999

OMB No. 0651-0011 (exp. 4/94)

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

06/10/1999 DNGUYEN 00000192 09323455

01 FC:581

40.00 OP

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

ASSIGNMENT

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:

NON-VOLATILE SEMICONDUCTOR MEMORY

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.

Loeb and Loeb LLP, 10100 Santa Monica Boulevard, Suite 2200,
Los Angeles, California 90067-4164.

ASSIGNMENT

99S0332
005702-20014

Inventor: (Signature)

Date

Residence

Noboru Shibata

MAY. 25. 1999

Yokohama-shi, Japan

Noboru Shibata

Tomoharu Tanaka

MAY. 25. 1999

Yokohama-shi, Japan

Tomoharu Tanaka

Hiroto Nakai

MAY. 25. 1999

Yokohama-shi, Japan

Hiroto Nakai

Toshio Yamamura

MAY. 25. 1999

Yokohama-shi, Japan

Toshio Yamamura

Susumu Fujimura

MAY. 25. 1999

Fujisawa-shi, Japan

Susumu Fujimura

RECORDING OFFICER:

After recording please return to:
Loeb and Loeb LLP,
Att: Intellectual Property Department

10100 Santa Monica Boulevard,
Suite 2200,
Los Angeles, CA 90067-4164