

08-14-2003

Form PTO-1595

1-3-92



102524128

ER LETTER

Y

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Attorney Docket No.: 81790.0293

8-12-03

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

1. Name of conveying party(ies):

Tomohito KAWANO

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

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

KABUSHIKI KAISHA TOSHIBA
1-1 Shibaura 1-chome,
Minato-ku, Tokyo, Japan

3. Nature of conveyance:

☒ Assignment

Execution Date: August 5, 2003

Additional name(s) & address(es) attached? ☐ Yes ☒ NoOFFICE OF PATENT RECORDS
2003 AUG 12 AM 9:22
FINANCE SECTION

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:

A. Patent Application No.(s) 10/447,327

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Anthony J. Orler, Esq.
HOGAN & HARTSON L.L.P.
500 South Grand Avenue, Suite 1900
Los Angeles, CA 90071

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

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

☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

50-1314

(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.

Anthony J. Orler

Date: August 8, 2003

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

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

08/13/2003 ECOOPER 00000197 10447327

01 FC:8021

40.00 DP

Mail Stop Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

A S S I G N M E N T

In consideration of value received, I, having a mailing address at
c/o Intellectual Property Division, Toshiba Corporation, 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 **May 28, 2003**
and assigned Application No. **10/447,327** ;
sell and assign to
KABUSHIKI KAISHA TOSHIBA
a corporation of Japan, having a business address at
1-1 Shibaura 1-chome, Minato-Ku, Tokyo, 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, contin-
uations, 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 Assi-
gnment 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.

Hogan & Hartson L.L.P., Biltmore Tower, 500 South Grand Avenue,
Suite 1900, Los Angeles, California 90071, U. S. A.

A S S I G N M E N T

03S0434

Inventor: (Signature)

Date

Residence

Tomohito Kawano

AUG. - 5. 2003

Yokohama-shi, Japan

Tomohito Kawano

RECORDING OFFICER:

After recording please return to:
Hogan & Hartson L. L. P.

Biltmore Tower
500 South Grand Avenue,
Suite 1900
Los Angeles,
California 90071

RECORDED: 08/12/2003

PATENT
REEL: 014369 FRAME: 0711