

2/08/05

02-22-2005

RE



102945656

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Katsura MIYASHITA
Hisao YOSHIMURA
Mariko TAKAGI

Execution Date(s) September 25, 1998

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, Sawai-ku

City: Kawasaki-shi

State: _____

Country: JAPAN

Zip: _____

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____
- Merger
- Change of Address

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: PILLSBURY WINTHROP LLP

Internal Address: P.O. Box 10500

Street Address: 1600 Tysons Boulevard

City: McLean

State: VA Zip: 22102

Phone Number: (703) 905-2000

Fax Number: (703) 905-2500

Email Address: jkarcieski@pillsburywinthrop.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

008312-0314876

Credit Card Last 4 Numbers _____

Expiration Date _____

Deposit Account Number 033975

Authorized User Name _____

9. Signature:

Signature

February 8, 2005

Date

Jeffrey D. Karceski, Reg. No. 35914

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

02/18/2005 ECOOPER 00000133 033975 11052107

01 FC:8021 40.00 DA

113013 U.S. PTO
11/052107



020805

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 DEVICE COMPRISING METAL SILICIDE FILMS FORMED TO COVER
GATE ELECTRODE AND SOURCE-DRAIN DIFFUSION LAYERS AND METHOD OF
MANUFACTURING THE SAME

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.

The Cushman Darby & Cushman Intellectual Property Group of Pillsbury Madison & Sutro, LLP, Ninth Floor, East Tower, 1100 New York Avenue, N. W., Washington, D. C. 20005-3918

ASSIGNMENT

98S0740

Inventor: (Signature)

Date

Residence

Katsura Miyashita
Katsura Miyashita

SEP 25. 1998

Fujisawa-shi. Kanagawa-ken. Japan

Hisao Yoshimura
Hisao Yoshimura

SEP 25. 1998

Kawasaki-shi. Japan

Mariko Takagi
Mariko Takagi

SEP 25. 1998

Kawasaki-shi. Japan

RECORDING OFFICER:

After recording please return to:
Cushman Darby & Cushman
Intellectual Property Group of
Pillsbury Madison & Sutro, LLP
Ninth Floor, East Tower,
1100 New York Avenue, N.W.,
Washington, D.C. 20005-3918