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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Hideo TAGUCHI, Junichi ASADA, Jun OMORI, Toshikazu MINO, Naohisa OKUMURA, Hiroshi SHIMOIE, Toshitsune IJIMA, Kazuhiko OYAMA

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

Name and address of receiving party(ies):

Name: KABUSHIKI KAISHA TOSHIBA

Address: 72, Horikawa-Cho, Saiwai-Ku  
Kawasaki-Shi, Kanagawa-Ken, JAPAN

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other \_\_\_\_\_
- Merger
- Change of Name

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

Execution Date: MARCH 26, 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: \_\_\_\_\_

A. Patent Application No.(s)

09/256,220

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.  
Attorneys at Law  
Fourth Floor  
1755 Jefferson Davis Highway  
Arlington, Virginia 22202

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: 15-0030

(Attach duplicate copy of this page if paying by deposit account)

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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.

Martin J. Sabak  
Name of Person Signing  
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Robert [Signature]

Registration Number 27,295

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PATENT  
REEL: 009949 FRAME: 0838

4692291

# Assignment Of Application

WHEREAS, I (WE) \_\_\_\_\_

Hideo TAGUCHI of Kanagawa-ken, Japan

Junichi ASADA of Kanagawa-ken, Japan

Jun OMORI of Tokyo, Japan

Toshikazu MINO of Tokyo, Japan

Naohisa OKUMURA of Kanagawa-ken, Japan

Hiroshi SHIMOE of Kanagawa-ken, Japan

Toshitsune IIJIMA of Tokyo, Japan

Katsuhiko OYAMA of Kanagawa-ken, Japan

INSERT NAME AND RESIDENCE ADDRESS OF THE INVENTORS:

\_\_\_\_\_, respectively,

INSERT TITLE OF INVENTION:

have invented certain new and useful improvements in: SEMICONDUCTOR DEVICE OF SURFACE MOUNTING TYPE AND METHOD FOR FABRICATING THE SAME,

INSERT DATE INVENTORS SIGNED DECLARATION:

for which an application for Letters Patent was executed on March 26, 1999 (Application No. 09/256,220, filed February 24, 1999), and

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE:

WHEREAS, KABUSHIKI KAISHA TOSHIBA

(hereinafter referred to as "ASSIGNEE") having a place of business at: \_\_\_\_\_

72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: <u>March 26, 1999</u>	(Signature of Inventor) <u><i>Hideo Taguchi</i></u> Hideo TAGUCHI
Date: <u>March 26, 1999</u>	(Signature of Inventor) <u><i>Junichi Asada</i></u> Junichi ASADA
Date: <u>March 26, 1999</u>	(Signature of Inventor) <u><i>Jun Omori</i></u> Jun OMORI
Date: <u>March 26, 1999</u>	(Signature of Inventor) <u><i>Toshikazu Mino</i></u> Toshikazu MINO
Date: <u>March 26, 1999</u>	(Signature of Inventor) <u><i>Naohisa Okumura</i></u> Naohisa OKUMURA
Date: <u>March 26, 1999</u>	(Signature of Inventor) <u><i>Hiroshi Shimoe</i></u> Hiroshi SHIMOE
Date: <u>March 26, 1999</u>	(Signature of Inventor) <u><i>Toshitsune Iijima</i></u> Toshitsune IIJIMA
Date: <u>March 26, 1999</u>	(Signature of Inventor) <u><i>Katsuhiko Oyama</i></u> Katsuhiko OYAMA

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RECORDED: 05/14/1999

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