



03-15-2002

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Noriaki MATSUNAGA, Yoshiaki SHIMOOKA, Kazuyuki HIGASHI and Hideki SHIBATA

3-11-02

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

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

Name: KABUSHIKI KAISHA TOSHIBA

Address: 1-1 Shibaura 1-chome, Minato-ku, Tokyo, Japan

3. Nature of Conveyance:

- Assignment Merger
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Execution Date: December 21, 2001

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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)

09/995,602

B. Patent No.(s)

Additional numbers attached? Yes No

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



22850

6. Total applications and patents involved: 1

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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, 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 OF MULTI-WIRING STRUCTURE AND METHOD OF MANUFACTURING
THE SAME

said application having been filed on November 29, 2001 and assigned Application No. 09/995,602 ;

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, 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.

Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202

ASSIGNMENT

01S1286-1

Inventor: (Signature)

Date

Residence

Noriaki Matsunaga

DEC.2 1.2001

Chigasaki-shi, Japan

Noriaki Matsunaga

Yoshiaki Shimooka

DEC.2 1.2001

Kawasaki-shi, Japan

Yoshiaki Shimooka

Kazuyuki Higashi

DEC.2 1.2001

Yokohama-shi, Japan

Kazuyuki Higashi

Hideki Shibata

DEC.2 1.2001

Yokohama-shi, Japan

Hideki Shibata

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Maier & Neustadt, P. C.,

Fourth Floor,
1755 Jefferson Davis Highway,
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