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2. Name and address of receiving party(ies):
Name: KABUSHIKI KAISHA TOSHIBA
Address: 1-1 Shibaura 1-chome,
Minato-ku, Tokyo
105-8001, JAPAN

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

3. Nature of Conveyance:
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Execution Date: February 4, 4, 4, 4, 4, 4, 2004 and
January 22, 2004

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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)
10/673,262

B. Patent No.(s)

Additional numbers attached? Yes No

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

6. Total applications and patents involved: 1

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Name of Person Signing

Joseph A. Scafetta Jr.
Signature

Feb. 23, 2004
Date

Registration Number: 28,870

Joseph A. Scafetta, Jr.
Registration No. 26, 803

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PATENT
REEL: 015002 FRAME: 0934

ASSIGNMENT

(02S1239)

In consideration of value received, I, having a residence as stated below above 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:

MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE

sell and assign to

- (1) KABUSHIKI KAISHA TOSHIBA, a Japanese corporation, having a place of business at 1-Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan,
- (2) Infineon Technologies, AG, a German corporation, having a place of business at St-Martin Str. 53, 81669, Munich, Germany

their successors, and 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 United States patent application:

(check one) executed concurrently herewith;
 executed on _____ ;
 Application No. 10/673,262 , filed September 30, 2003 ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes 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 proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, 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.

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

PATENT
REEL: 015002 FRAME: 0935

ASSIGNMENT

(02S1239)

[1st Inventor]

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
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Residence Address: Yokohama-shi, Japan

Citizenship: Japan

Keitaro Imai

Keitaro Imai

FEB. - 4. 2004

Date:

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Koji Yamakawa

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Date:

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Minato-ku, Tokyo 105-8001, Japan

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Hiroshi Itokawa

Hiroshi Itokawa

FEB. - 4. 2004

Date:

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Residence Address: Yokohama-shi, Japan

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Katsuaki Natori

Katsuaki Natori

FEB. - 4. 2004

Date:

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[5th Inventor]

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Residence Address: Yokohama-shi, Japan

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Osamu Arisumi

FEB. - 4. 2004

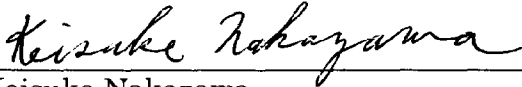
Date:

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Bum-ki Moon

Date:

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PATENT
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In consideration of value received, I, having a residence as stated below above 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:

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- (check one) executed concurrently herewith;
 executed on _____ ;
 Application No. 10/673,262 , filed September 30, 2003 ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes 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 proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, 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.

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.

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Bum-ki Moon

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Jan. 22nd, 2004

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