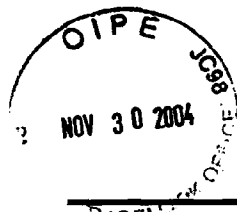


Atty Docket No.: 256502US2SX

FORM PTO-1595
06-04

11/30/04

12-03-2004



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Director of the United States

the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kazuhiro TOMIOKA
Haoren ZHUANG

102901951

id 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:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: November 24, 17, 2004

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

4. Application number(s) or patent number(s):

This document is being filed together with a new application

A. Patent Application No.(s)

10/886,668

B. Patent No.(s)

Additional numbers attached? Yes No

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

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220

6. Total 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)

DO NOT USE THIS SPACE

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.

Eckhard H. Kuesters
Name of Person Signing

Joseph Scafetta Jr.
Signature

Nov 30, 2004
Date

Registration Number: 28,870

Joseph Scafetta, Jr.
Registration No. 26,803

Total number of pages including this cover sheet: 5

Do not detach this portion

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

Director of the United States Patent and Trademark Office
Mail Stop Assignment Recordation Services
Alexandria, Virginia. 22313

12/01/2004 ZJUHARI 00000030 10886668
01 FC:8021 40.00 OP

PATENT
REEL: 016030 FRAME: 0252

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:

METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE

sell and assign to

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

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 United States patent application:

(check one) executed concurrently herewith
 executed on _____ ;
 Application No. 10/886,668 , filed July 9, 2004 ;

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., 1940 Duke Street, Alexandria, VA 22314

ASSIGNMENT

(03S1850)

[1st Inventor]

Residence Address: Yokohama-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Kazuhira Tomioka

Kazuhira Tomioka

November 24, 2004

Date:

[2nd Inventor]

Residence Address: 24 Logansway Hopewell Junction NY 12533

Mailing Address: ICIS Alliance B 300 3G10-34 2070 Route 52 Z32A Hopewell Junction
NY 12533

Citizenship: P.R. China

Haoren Zhuang

Date:

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:

METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE

sell and assign to

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

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 United States patent application:

- (check one) executed concurrently herewith
 executed on _____ ;
 Application No. 10/886,668 , filed July 9, 2004 ;

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., 1940 Duke Street, Alexandria, VA 22314

ASSIGNMENT

(03S1850)

[1st Inventor]

Residence Address: Yokohama-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Kazuhiro Tomioka

Date:

[2nd Inventor]


Residence Address:

24 Logansway Hopewell Junction NY 12533

Mailing Address:

ICIS Alliance B-300 3610-34 2070 Route 52 232A Hopewell Junction NY 12533

Citizenship: P.R. China



11-17-2000

Haoren Zhuang

Date: