



01-07-2004

Attorney Docket No.: 44471/287602

FORM PTO-1595
(Revised 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)



102639694

U.S. Department of Commerce
U.S. Patent and Trademark Office

To the Honorable Commissioner for Patents and Trademarks:

ed original documents or copy thereof.

1. Name of conveying party(ies):
Tomohiko Imada, Seiji Watanabe and Toyokazu Shibata

Additional names 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**

Additional name(s) and address(es) attached?

☐ YES ☒ NO

3. Nature of conveyance:

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	<input type="checkbox"/> Other:
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	

Execution Date(s): **November 20, 2003**

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): **10/617,931**

B. Patent No.(s):

Additional numbers attached? ☐ YES ☒ NO

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

**John S. Pratt, Esq.
KILPATRICK STOCKTON LLP
1100 Peachtree Street, Suite 2800
Atlanta, Georgia 30309-4530
(404) 815-6500**

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.*****
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 11-0855
*****8. Deposit account number: **11-0855** (Attach duplicate copy of this form if paying by deposit account)

9. 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.

Brenda O. Holmes
Brenda O. Holmes

December 29, 2003
Date

Total Number of Pages Including Cover Sheet, Attachments, and Document: **3**

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ASSIGNMENT

The undersigned Inventor(s),

in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does (do) hereby sell, transfer, and assign to the Assignee,

KABUSHIKI KAISHA TOSHIBA

a corporation organized and existing under the laws of Japan, and having a place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

the full, exclusive, and entire right, title, and interest for the territory of the United States of America, in and to the invention entitled

SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR DESIGNING CONNECTING TERMINALS OF SEMICONDUCTOR DEVICE

as described and claimed in the application for Letters Patent executed by me (us) on the 20th day of November, 2003; and the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, reexaminations, and reissues thereof; and I(we) hereby request the Commissioner of Patents and Trademarks of the United States of America to issue said Letters Patent to the Assignee, for its interest, for the sole use of the Assignee and its successors, assigns and legal representatives, as fully and entirely as the same would have been held by me (us) had this assignment not been made;

AND, for the same consideration, I (we) agree to sign all lawful papers, execute all division, continuing, reexamination, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to the Assignee, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in the United States of America.

I (we) hereby authorize and request my (our) attorney, _____, Reg. No. _____, to insert here in parentheses the application number (App. No. 10/617,931) and filing date (July 11, 2003) of the aforesaid application when known.

Date Signed: November 20,
2003

Tomohiko Imada
(Inventor) Tomohiko IMADA

J&A Docket: _____

Date Signed: November 20,
2003

Seiji Watanabe
(Inventor) Seiji WATANABE

Date Signed: November 20,
2003

Toyokazu Shibata
(Inventor) Toyokazu SHIBATA