

02-25-2005

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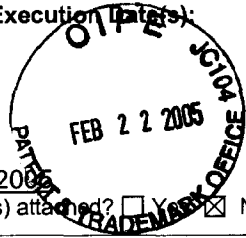
To the Director of the U.S. Patents and Trademark (

new address(es) below.

102948557

1. Name of conveying party(ies)/Execution Date(s):

Keisuke Kondoh
Hiroki Oka
Hiroshi Narushima



Execution Date(s) January 25, 2005

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

2. Name and address of receiving party(ies)

Name: Tokyo Electron Limited

Internal Address: _____

Street Address: 3-6, Akasaka 5-Chome
Minato-Ku, Tokyo-To, Japan

City: _____

State: _____

Country: _____ Zip: _____

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

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

A. Patent Application No.(s)
29/217,729

This document is being filed together with a new application.

B. Patent No.(s)

02/23/2005 SZEWDIE1 00000083 29217729

03 FC:8021

40.00 DP

Additional numbers attached? Yes No

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

Name: Smith, Gambrell & Russell

Internal Address: _____

Street Address: 1850 M Street, N.W.
Suite 800

City: Washington

State: DC Zip: 20036

Phone Number : (202) 263-4300

Fax Number: (202) 263-4329

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 02-4300

Authorized User Name _____

9. Signature :

Michael A. Makuch Signature 28458

February 22, 2005

Date

Total number of pages including cover sheet, attachments, and documents 3

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

SGR/BDWY Form ASN-1
Inventor(s)-to-Assignee**ASSIGNMENT**

This assignment agreement is applicable to an invention entitled:

*

The PATENT RIGHTS referred to in this agreement are:

- (check one) a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.
- U.S. patent application Serial No. 29/217,729 filed November 22, 2004.
- a U.S. patent application based on PCT International Application No. _____ filed on _____, U.S. patent application Serial No. _____, if known).
- U.S. patent No. _____, issued _____.

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) U.S. patent rights only.
- Worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEES referred to in this agreement are:

(Name of Assignee) **Tokyo Electron Limited**
(Address) **3-6, Akasaka 5-Chome**
Minato-Ku, Tokyo
JAPAN

The ASSIGNEE is:

- (check one) An Individual.
- A Partnership.
- A Corporation of JAPAN (specify state or country)
- (other)

The ASSIGNOR(S), receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEES, their successors and assigns:

the full and exclusive right to the invention;
the entire right, title and interest in and to the PATENT RIGHTS;

**THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO
TOKYO ELECTRON LIMITED**

the right to sue and recover for any past infringement; and,
the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions,
based on any earlier patent applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby
authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to
the ASSIGNEES as the assignee of the entire right, title and interest, for the sole use and enjoyment
of said ASSIGNEES, their successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEES, or their
representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any
legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal,
reexamination and reissue applications, execute all necessary assignment papers to cause any and all
Letters Patent to be issued to said ASSIGNEES, make all rightful oaths and generally do everything
necessary or desirable to aid said ASSIGNEES, their successors and assigns, to obtain and enforce
proper protection for said invention.

The ASSIGNORS authorize any attorneys and agents who have a power of attorney in this
application to check any appropriate boxes and to insert the Serial Number and filing date in this
document after it has been executed.

<u>Keisuke KONDOH</u>	<i>Keisuke Kondoh</i>	<i>1/25/2005</i>
Name of sole or first inventor	Signature	Date
<u>Hiroki OKA</u>	<i>Hiroki Oka</i>	<i>1/25/2005</i>
Name of second inventor	Signature	Date
<u>Hiroshi NARUSHIMA</u>	<i>Hiroshi Narushima</i>	<i>1/25/2005</i>
Name of third inventor	Signature	Date