

05-18-2005

Atty Docket No.: 257026US26



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

FORM PTO-1595
06-04

103005146

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

05-13-05

<p>1. Name of conveying party(ies): Tsuyoshi MORIYA, Hiroyuki NAKAYAMA, Kikuo OKUYAMA, and Manabu SHIMADA</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: TOKYO ELECTRON LIMITED Address: 3-6, Akasaka 5-chome Minato-ku Tokyo 107-8481 Japan</p> <p>Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: May 9, 2005</p>	

112948 U.S. PTO
11/128256
051305

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

This document is being filed together with a new application

A. Patent Application No.(s) | B. Patent No.(s)

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Customer Number 22850</p> <p>Tel. (703) 413-3000 Fax. (703) 413-2220</p>	<p>6. Total applications and patents involved: (1)</p> <p>7. Total fee (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)</p>
---	---

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.

Name of Person Signing

[Signature]
Signature

May 13, 2005
Date

Registration Number: 32,829

Total number of pages including this cover sheet: (3)

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

05/16/2005 GWORDOF1 00000025 11128256
06 FC:8021 40.00 OP

PATENT
REEL: 016557 FRAME: 0897

Assignment of Application

Page 1 of 2

WHEREAS, I(WE), 1. Tsuyoshi MORIYA of c/o TOKYO ELECTRON AT LIMITED, 2381-1, Kitagejo,
Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 Japan;

2. Hiroyuki NAKAYAMA of c/o TOKYO ELECTRON AT LIMITED, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi,
Yamanashi 407-8511 Japan;

3. Kikuo OKUYAMA of 2-365-2-401, Kagamiyama, Higashihiroshima-shi, Hiroshima 739-0046 Japan; and

4. Manabu SHIMADA of 549-67, Obatake, Takayama-cho, Higashihiroshima-shi, Hiroshima 739-2104
Japan _____, respectively,

have invented certain new and useful improvement in: SUBSTRATE TRANSFER MECHANISM AND
SUBSTRATE TRANSFER APPARATUS INCLUDING SAME. PARTICLE REMOVAL METHOD FOR THE
SUBSTRATE TRANSFER MECHANISM AND APPARATUS. PROGRAM FOR EXECUTING THE METHOD.
AND STORAGE MEDIUM FOR STORING THE PROGRAM

for which an application for Letters Patent was executed on even date herewith
(Application No. _____, filed _____), and

WHEREAS, TOKYO ELECTRON LIMITED
(hereinafter referred to as "ASSIGNEE") having a place of business at: 3-6, Akasaka 5-chome, Minato-ku,
Tokyo 107-8481 Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;


NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I(WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I(WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my(our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its(his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me(us) had this Assignment and sale not been made.

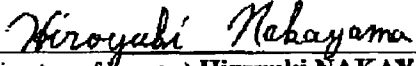
Further, I(WE) agree that I(WE) will communicate to said ASSIGNEE or its representatives any facts known to me(us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue application, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid the said ASSIGNEE, its(his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

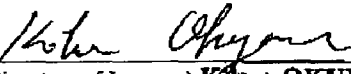
Date: May 9, 2005


(Signature of Inventor) **Tsuyoshi MORIYA**

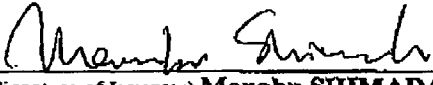
Date: May 9, 2005


(Signature of Inventor) **Hiroyuki NAKAYAMA**

Date: May 9, 2005


(Signature of Inventor) **Kikuo OKUYAMA**

Date: May 9, 2005


(Signature of Inventor) **Manabu SHIMADA**

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314