

12-24-2003



102631453
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):
Masatoshi Shiraishi (10/29/2003) and Masatsugu Nakama (11/07/2003) Hideyuki Takamori (10/29/2003)
12.16.03
Additional name(s) 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
City: Tokyo
Country: JAPAN Zip: 107-8481
Additional name(s) & address(es) attached: Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: see Box 1, conveying parties

4. Application number(s) or patent number(s): 16735926
If this document is being filed together with a new application, the execution date of the new application is: October 29, 2003 and November 7, 2003
A. Patent Application No.(s):
This application
B. Patent No.(s):
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: RADER, FISHMAN & GRAUER PLLC
Internal Address: Atty. Dkt.: OMY-0034
Street Address:
1233 20th Street, N.W.
Suite 501
City: Washington State: DC Zip: 20036

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
 Authorized to be charged to credit card (Form 2038 enclosed)
8. Deposit account number:
18-0013
(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.
Robert S. Green December 16, 2003
Name of Person Signing Signature Date

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

17548 U.S. PTO
10735926



121603

12/23/2003 ECDOOPER 00000114 100013 10735926
01 FC:0021 40.00 BA

PATENT
REEL: 014812 FRAME: 0279

ASSIGNMENT

(03ES007)

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:

SUBSTRATE PROCESSING METHOD AND SUBSTRATE PROCESSING APPARATUS

sell and assign to

TOKYO ELECTRON LIMITED, a Japanese corporation, having a place of business at 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan

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. _____, filed _____ ;

and in and to all applications for patent and patents for invention, in all countries of the world, 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, 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 in all countries.

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.

RADER, FISHMAN & GRAUER PLLC, 1233 20th Street, N.W., Suite 501
 Washington, D.C. 20036, U.S.A.

[1st Inventor]

Post Office Address: c/o Tokyo Electron Kyusyu Limited, Ozu Plant, 272-4
 Takaono, Ozu-machi, Kikuchi-gun, Kumamoto 869-1232, Japan
 Residence Address: Kikuchi-gun, Kumamoto, Japan
 Country of Citizenship: Japan

Date October 29, 2003

Masatoshi Shiraishi

Masatoshi Shiraishi

[2nd Inventor]

Post Office Address: c/o Tokyo Electron Kyusyu Limited, Ozu Plant, 272-4
 Takaono, Ozu-machi, Kikuchi-gun, Kumamoto 869-1232, Japan
 Residence Address: Kikuchi-gun, Kumamoto, Japan
 Country of Citizenship: Japan

Date November 7, 2003

Masatsugu Nakama

Masatsugu Nakama

[3rd Inventor]

Post Office Address: c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome,
Minato-ku, Tokyo 107-8481, Japan

Residence Address: Minato-ku, Tokyo, Japan

Country of Citizenship: Japan

Date October, 29, 2003

Hideyuki Takamori
Hideyuki Takamori

After recording please return to:

RADER, FISHMAN & GRAUER PLLC, 1233 20th Street, N.W., Suite 501,
Washington, D.C. 20036, U.S.A.