

09-29-2004

Attorney Docket U 015381-1

RECOI



102846863

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

1. Name of conveying party(ies):

- 1. HIROSHI SHINRIKI
- 2. JUNICHI ARAMI
- 3.

Additional name(s) of conveying party(ies) attached?

Yes No

2. Name and address of receiving party (ies):

Name: TOKYO ELECTRON LIMITED

Address: 3-6, AKASAKA 5-CHOME, MINATO-KU, TOKYO 107-8481 JAPAN

17497 U.S. 10/9465

9-20-04

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____ Change of Address

Additional name(s) & addresses(es) attached?

Yes No

Execution Date(s):
1. SEPTEMBER 15, 2004
2. SEPTEMBER 15, 2004
3.

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

Being filed together with a new application.

Patent Application
No.(s):

Patent No.(s):

Additional numbers attached? Yes No

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

Name: William R. Evans
Address: Ladas & Parry LLP
26 West 61st Street
New York, N.Y. 10023

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41) \$ 40.00 @ \$40.00 each

- Check Enclosed
- Authorized to be charged in whole or in part to:

8. Deposit account number: 12-0425

DO NOT USE THIS SPACE

9. Signature:

William R. Evans
Name of Person Signing

Signature

September 21, 2004
Date

Total number of pages including coversheet, attachments, and documents:

5

09/28/2004 ECOOPER 00000275 10946511

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(Cover Sheet for Assignment Accompanying New Patent Application—page 2 of 2) 4-2.3a

EXPRESS MAIL LABEL
NO.: EV 481670675 US

PATENT
REEL: 015821 FRAME: 0439

For: U.S. and/or Foreign Rights
 For: U.S. Application or
 U.S. Provisional Application
 For: U.S. Patent
 For: PCT Application
 By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

Hiroshi SHINRIKI

(type or print name of inventors)

30-10, Nakai-Cho 2-Chome, Matsudo-Shi,

Chiba 270-2242 Japan

Address

Japan

Nationali

Junichi ARAMI

c/o TOKYO ELECTRON AT LIMITED, 650,

Mitsuzawa, Hosaka-Cho, Nirasaki-Shi, Yamanashi

407-0192 Japan

Address

Japan

Nationali

Address

Nationali

Address

Nationali

Address

National

Added page(s) for signature by subsequent inventors. Number of pages added

(if assignment is by person or entity to whom invention was previously assigned

and this was recorded in PTO, add the following)

Recorded on _____

Reel
Frame

hereby sells, assigns and transfers to
ASSIGNEE

TOKYO ELECTRON LIMITED

(type or print name of ASSIGNEE)

3-6, Akasaka 5-Chome, Minato-Ku, Tokyo 107-8481 Japan

Address

Japan
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

the entire right, title and interest
 an undivided _____ percent (_____ %) interest
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority,
in and to any and all improvements which are disclosed in the invention entitled:

SUBSTRATE PROCESSING APPARATUS and SUBSTRATE PROCESSING METHOD,

HIGH SPEED ROTARY VALVE, AND CLEANING METHOD

Name of inventor(s) (1) Hiroshi SHINRIKI and (2) Junichi ARAMI

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in (37 C.F.R. ' 3.21)

- (a) U.S. patent application executed on even date herewith
(b) U.S. patent application executed on
(c) U.S. provisional application naming the above inventor(s) for the above-entitled invention.
 Express mail label no.:
Mailed:
 To comply with 37 C.F.R. 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
(d) U.S. application no. _____
filed on _____
(e) International application no. PCT/ JP2003/003655
(f) U.S. patent no. _____ issued
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g) and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Hiroshi SHINRIKI
(type name of Assignor)

Hiroshi Shinriki
Signature of ASSIGNOR

this September 15, 2004
date of signing

Junichi ARAMI
(type name of Assignor)

Junichi Arami
Signature of ASSIGNOR

this September 15, 2004
date of signing

(type name of Assignor)

Signature of ASSIGNOR

this
date of signing

(type name of Assignor)

Signature of ASSIGNOR

this
date of signing

(type name of Assignor)

Signature of ASSIGNOR

this
date of signing

(if ASSIGNOR is a legal entity, complete the following information)

(type or print the name of the above person authorized to sign on behalf of ASSIGNOR)

Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.