

10-6-06

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10-12-2006

DEPARTMENT OF COMMERCE
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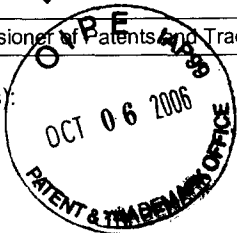
PATENTS



103320567

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



1. Name of conveying party(ies):

Itaru KANNO
Yusaku HIROTA
Kenji SEKIGUCHI
Hiroshi NAGAYASU

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 107-8481 Japan

City: _____ State: _____ Zip: _____

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

3. Nature of conveyance:

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

Execution Date: July 29, 2006; July 29, 2006; July 11, 2006, and August 7, 2006 respectively

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)
 10/591,474

B. Patent No.(s)

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: _____

 10/11/2006 DBYRNE 00000128 10591474

 FC:8021

 (40.00 OP)

Street Address: 1850 M Street, N.W.

 Suite 800

City: Washington State: DC Zip: 20036

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

 02-4300

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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.

 Michael A. Makuch

Name of Person Signing

Signature

 October 6, 2006

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:

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Washington, D.C. 20231

Name of conveying party(ies)

Document Date

Shouichi SHIMOSE

August 22, 2006

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Itaru KANNO
Yusaku HIROTA
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If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
PCT/JP2005/004072

B. Patent No.(s)

09/11/2006 MKAYPAGH 00000059 10591474

05 FC:8021

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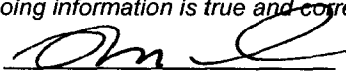
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9. Statement and signature.

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.

Michael A. Makuch
Name of Person Signing


Signature

September 1, 2006
Date

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09-13-2006



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cord the attached original documents or copy thereof.

10/591474

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

Internal Address: _____

Street Address: 3-6, Akasaka 5-Chome

Minato-Ku, Tokyo 107-8481 Japan

City: _____ State: _____ Zip: _____

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

ASSIGNMENT

This assignment agreement is applicable to an invention entitled :

TWO-FLUID NOZZLE FOR CLEANING SUBSTRATE AND SUBSTRATE CLEANING APPARATUS

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 No. _____ filed _____
 - a U.S. patent application based on PCT International Application No. PCT/JP2005/004072 filed March 9, 2005
(U.S. patent application Serial No. _____)
 - 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 ASSIGNORS referred to in this agreement are the inventors whose signatures appear on page 2 of this Assignment

THE ASSIGNEE referred to in this agreement is:

- (name and address)
- Tokyo Electron Limited
 - 3-6, Akasaka 5-chome, Minato-ku,
 - Tokyo 107-8481 Japan
 -
 -

- THE ASSIGNEE is:
- An Individual.
 - A Partnership.
 - (state/country) A Corporation of Tokyo, Japan
 - (other)

THE ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign the following rights to the ASSIGNEE, its successors and assigns:

- the full and exclusive right to the invention;
- the entire right, title and interest in and to the PATENT RIGHTS; 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 ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

FURTHER, THE ASSIGNOR(S) AGREE(S) to communicate to said ASSIGNEE, or its 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 ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

THE ASSIGNOR(S) 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.

* * * *

Itaru KANNO Itaru Kanno July 27, 2006
Name of sole or first inventor Signature Date

Yusaku HIROTA Yusaku Hirota July 27, 2006
Name of second inventor Signature Date

Kenji SEKIGUCHI Kenji Sekiguchi July 11, 2006
Name of third inventor Signature Date

Hiroshi NAGAYASU
Name of fourth inventor

Hiroshi Nagayasu
Signature

August 7, 2006
Date

Shouichi SHIMOSE
Name of fifth inventor

Shouichi Shimose
Signature

August 2, 2006
Date