Document ID NO.: 103192281

Docket: 03114PCT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

COVER SHEET FOR ASSIGNMENT

1. Identification Of Application

The patent application to which the attached assignment(s) refer(s) is identified as follows:

a. U.S. Patent Application Number: 10/570,109

b. Filing date: March 1, 2006

c. Name of each of the inventors and execution date of application:

Tsutomu HIROKI, December 15, 2005; Masayuki NOGUCHI, December 26, 2005; and Shinya SAKURAI, December 26, 2005.

d. Title of the invention:

Sealing ring and its managing system

2. Name Of Party or Parties Conveying Interest

The party(ies) conveying this interest is/are:

Tsutomu HIROKI; Masayuki NOGUCHI; and Shinya SAKURAI.

3. Name And Address Of Party Or Parties Receiving Interest

a. TOKYO ELECTRON LIMITED

Address: 3-6, Akasaka 5-chome, Minato-ku, TOKYO 107-8481 JAPAN

I hereby certify that this correspondence and the documents referred to as enclosed therein are being facsimile transmitted to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on Jne 1, 2006 to 1-571-273-0140 by applicant's attorney, Robert J. Jacobson.

Robert

(Cover Sheet For Assignment PAJENT of 3) REEL: 017727 FRAME: 0419

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- b. NIPPON VALQUA INDUSTRIES, LTD.
 - Address: 1-1, Nishishinjyuku 2-chome, Shinjyuku-ku, TOKYO 163-0406 JAPAN

4. Description of Interest Conveyed Or Transaction Recorded

The accompanying document(s) intend(s) to accomplish an assignment.

5. Name And Address Of Party To Whom Correspondence Should Be Mailed Or Facsimile Transmitted

Please address correspondence to:

Robert J. Jacobson, P.A. 650 Brimhall Street South St. Paul, MN 55116-1511

Fax: 651-699-7901

Registration number: 32,419

6. Date Assignment Executed

The assignment was executed on the following dates:

Tsutomu HIROKI, December 15, 2005; Masayuki NOGUCHI, December 26, 2005; and Shinya SAKURAI, December 26, 2005.

7. Language Of Assignment To Be Recorded

The attached assignment(s) is/are in the English language.

8. Original Document Or True Copy Submitted

Submitted herewith is/are true copy(ies) of the original assignment(s).

(16321.DOC) (Cover Sheet For Assignment--page 2 of 3)
PATENT
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9. Number Of Applications Identified In This Cover Sheet And The Fee

This cover sheet identifies only one application.

The fee for recordal is \$40.00.

The fee of \$40.00 is hereby authorized to be charged to deposit account number 50-3288 (deposit account name: Robert J. Jacobson, P.A.).

10. 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.

Respectfully submitted,

Date: June 1, 2006

Robert J. J. Cobson Req. No. 32,419

Tel. No.: (651) 699-7900 Fax. No.: (651) 699-7901 St. Paul, MN 55116-1511

650 Brimhall Street South

11. Total Number Of Pages Being Submitted

The total number of pages being submitted, including cover sheet and assignment or assignments is seven.

ER-258-759-559-45

- 1064
- For: U.S. Rights and Foreign Rights For: U.S. Application

By: Inventors

ASSIGNMENT OF INVENTION

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,

ASSIGNOR:

Tsutomu HIROKI C/O TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, YAMANASHI 407-0192 JAPAN

Masayuki NOGUCHI C/O NIPPON VALQUA INDUSTRIES, LTD., 5-2, Nara Kogyodanchi, Technopark, Sugawa-cho, Gojo-shi, NARA 637-0014 JAPAN

Shinya SAKURAI C/O NIPPON VALQUA INDUSTRIES, LTD., 5-2, Nara Kogyodanchi, Technopark, Sugawa-cho, Gojo-shi, NARA 637-0014 JAPAN

hereby sell, assign and transfer to

ASSIGNEE:

TOKYO ELECTRON LIMITED 3-6, Akasaka 5-chome, Minato-ku, TOKYO 107-8481 JAPAN

NIPPON VALQUA INDUSTRIES, LTD. 1-1, Nishishinjyuku 2-chome, Shinjyuku-ku, TOKYO 163-0406 JAPAN

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions 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:

Sealing Ring and Its Managing System

(Title of the Invention)

(Assignment of Invention page 1 of 2)

PATENT REEL: 017727 FRAME: 0422

and which is found in the U.S. patent application executed on even date herewith 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.

Date: December 15, 2005

Jantonin Hiroki

Signature of Tsutomu HIROKI

Date: _____

Signature of Masayuki NOGUCHI

Date: _____

Signature of Shinya SAKURAI

(Assignment of Invention-page 2 of 2)

PATENT REEL: 017727 FRAME: 0423

3069

For: U.S. Rights and Foreign RightsFor: U.S. ApplicationBy: Inventors

ASSIGNMENT OF INVENTION

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,

ASSIGNOR:

Tsutomu HIROKI C/O TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, YAMANASHI 407-0192 JAPAN

Masayuki NOGUCHI C/O NIPPON VALQUA INDUSTRIES, LTD., 5-2, Nara Kogyodanchi, Technopark, Sugawa-cho, Gojo-shi, NARA 637-0014 JAPAN

Shinya SAKURAI C/O NIPPON VALQUA INDUSTRIES, LTD., 5-2, Nara Kogyodanchi, Technopark, Sugawa-cho, Gojo-shi, NARA 637-0014 JAPAN

hereby sell, assign and transfer to

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and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions 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:

Sealing Ring and Its Managing System

(Title of the Invention)

(Assignment of Invention-page 1 of 2)

PATENT REEL: 017727 FRAME: 0424

and which is found in the U.S. patent application executed on even date herewith 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.

Date: ____

Signature of Tsutomu HIROKI

Date: December 26, 2005

Masayuki Noguchi Signature of Masayuki NOGUCHI

Date: December 26, 2005

Signature of Shinya SAKURAI

(Assignment of Invention-page 2 of 2)

PATENT REEL: 017727 FRAME: 0425

RECORDED: 06/01/2006