

04-11-2003



Attorney Docket No. 030406

102417100  
RECORDATION FORM COVER SHEET  
PATENTS ONLY

DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Director of Patents and Trademarks: Please record the attached original documents or copy thereof.

Submission type: X New

4.2.03

Conveyance type: X Assignment

Conveying Party(ies): (Last, First, Middle Initial) Execution Date

First party Name: SHINOZAKI, Hiroyuki March 20, 2003

Second party Name:

Third party Name:

10404065

Additional name(s) of conveying party(ies) attached? Yes \_\_\_ No X

Receiving Party (ies):

First party Name: EBARA CORPORATION  
Address: 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, Japan

Additional name(s) & address(es) attached? Yes \_\_\_ No XX

Domestic Representative Name and Address (Enter for the first Receiving Party only)

ARMSTRONG, WESTERMAN & HATTORI, LLP  
1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006

For Office Use Only

jc857 U.S. PTO  
10/404065  
04/02/03

04/07/2003 WARRHAN1 00000014 10404065

40.00 DP

05 FC:8021

PATENT

REEL: 013934 FRAME: 0365

**Correspondent Name and Address**

ARMSTRONG, WESTERMAN & HATTORI, LLP  
1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006

Telephone: 202-659-2930

**Pages** Enter the total number of pages of the attached conveyance document: 1  
(including any attachments, but not counting cover sheets)

**Application Number(s) or Patent Number(s)** Additional numbers attached? Yes ☐ No ☒

A. Patent Application No.(s)

##

B. Patent No.(s)

##

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: March 20, 2003  
(Do not recite both application and patent numbers.)

**Patent Cooperation Treaty (PCT)**Enter PCT application number only if

a U.S. Application Number has not been assigned

PCT

PCT

PCT

**Number of Properties** Enter the total number of properties involved: 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41). . . . . \$40.00

☒ Enclosed☐ Authorized to be charged to Deposit Account No.: 01-2340**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.

William G. Kratz, Jr.

Name of Person Signing



Signature

April 2, 2003

Date

22,631

Registration No.

Rev. 11/00

WGK/yap

**U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's  
Name(s) Address(es))

EBARA CORPORATION

of 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

SEAL DEVICE AND METHOD FOR OPERATING THE SAME AND SUBSTRATE  
PROCESSING APPARATUS COMPRISING A VACUUM CHAMBER

(\*If the assignment is  
being filed after the  
filing of the  
application, this  
section must be  
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on \_\_\_\_\_, Serial No. \_\_\_\_\_.

(Armstrong, Westerman & Hattori, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u><i>Hiroyuki Shinozaki</i></u> (Signature)	<u>Hiroyuki SHINOZAKI</u> (Type Name)	<u>March 20, 2003</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)