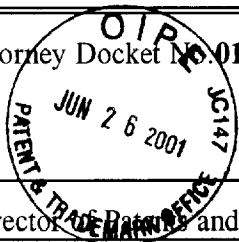


07-05-2001

Attorney Docket No. 010447



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PATENT & TRADEMARK OFFICE

101767508

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

Submission type: XX New

Conveyance type: XX Assignment      \_\_\_ Security Agreement

Conveying Party(ies):

Execution Date: April 11, 2001

First party      Name: NAGASAKA, Hiroshi  
Second party    Name: KAKUTANI, Momoko  
Third party      Name: MIYASAKA, Matsuho  
Fourth party     Name: KATAOKA, Tadashi

Additional name of conveying party attached? Yes \_\_\_ No XX

UMLD 6/26/01

Receiving Party:

First party      Name: EBARA CORPORATION  
Address: 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510, JAPAN

Additional name & address attached? Yes \_\_\_ No XX

Domestic Representative Name and Address

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

For Office Use Only

(

**Correspondent Name and Address**

ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, 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

**Application Number or Patent Number** Additional numbers attached? Yes  No   
A. Patent Application No. B. Patent No.  
09/807,436

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: \_\_\_\_\_

**Patent Cooperation Treaty (PCT)** PCT \_\_\_\_\_  
Enter PCT application number only if PCT \_\_\_\_\_  
a U.S. Application Number has not been assigned 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  
XX 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.

Le-Nhung McLeland  
Name of Person Signing

  
Signature

June 26, 2001  
Date

31,541  
Registration No.

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 144-8510 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)

SLIDING MEMBER AND MANUFACTURING METHOD THEREFOR

(\*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 April 23, 2001, Serial No. 09/807,436 (Armstrong, Westerman, Hattori, McLeland & Naughton 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 therefor 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/hcr/their signature(s).

(Signatures)

Handwritten signatures and printed names/dates for Hiroshi Nagasaka, Momoko Kakutani, Matsuho Miyasaka, and Tadashi Kataoka.

NO LEGALIZATION REQUIRED