

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mamoru NAKASUJI</td> <td>01/13/2010</td> </tr> <tr> <td>Nobuharu NOJI</td> <td>01/13/2010</td> </tr> <tr> <td>Tohru SATAKE</td> <td>01/13/2010</td> </tr> <tr> <td>Hirosi SOBUKAWA</td> <td>01/13/2010</td> </tr> </tbody> </table>		Name	Execution Date	Mamoru NAKASUJI	01/13/2010	Nobuharu NOJI	01/13/2010	Tohru SATAKE	01/13/2010	Hirosi SOBUKAWA	01/13/2010
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Ebara Corporation</td> </tr> <tr> <td>Street Address:</td> <td>11-1, Haneda Asahi-cho, Ohta-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>144-8510</td> </tr> </table>		Name:	Ebara Corporation	Street Address:	11-1, Haneda Asahi-cho, Ohta-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	144-8510
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11884367</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11884367						
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CORRESPONDENCE DATA											
Fax Number: (202)721-8250 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Email: wlp@wenderoth.com Correspondent Name: Wenderoth, Lind & Ponack, L.L.P. Address Line 1: 1030 15th Street, N.W. Address Line 2: Suite 400 East Address Line 4: Washington, DISTRICT OF COLUMBIA 20005											
ATTORNEY DOCKET NUMBER:	2007-1315A										
NAME OF SUBMITTER:	Katharina Hess										
Total Attachments: 2 source=ATTACH#page1.tif											

OP \$40.00 11884367

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PATENT
REEL: 024041 FRAME: 0297

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)
of Inventor(s) Mamoru NAKASUJI, Nobuharu NOJI, Tohru SATAKE and Hiroshi SOBUKAWA

Insert Name(s)
of Assignee(s) EBARA CORPORATION

Address of 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 Japan
(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of
Invention ELECTRON BEAM APPARATUS
(filed on August 15, 2007 under USSN 11/884,367)
for which an application for patent in the United States has been executed by the undersigned

Date of
Signing
of Application on January 13, 2009

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Jan. 13, 2009, Name of the Inventor Mamoru Nakasuji Mamoru NAKASUJI

Date Jan. 13, 2009, Name of the Inventor Nobuharu Noji Nobuharu NOJI

Date Jan. 13, 2009, Name of the Inventor Tohru Satake Tohru SATAKE

Date Jan. 13, 2009, Name of the Inventor Hiroshi Sobukawa Hiroshi SOBUKAWA

Date _____, Name of the Inventor _____

Date _____, Name of the Inventor _____

Date _____, Name of the Inventor _____

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Ayukio Fukunaga

Witness Kazuto Hirohawa

ACKNOWLEDGMENT

_____ } ss

This _____ day of _____, 20____, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

Official Signature

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date _____

Applicant Reference Number _____ Atty Docket No. _____

Title of Invention _____