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Submission type: XX New

Conveyance type: XX Assignment

Conveying Party(ies):	(Last, First, Middle Initial)	Execution Date
First party	Name: HAMASHIMA, Muneki	March 1, 2004
Second party	Name: KATO, Takao	March 1, 2004
Third party	Name: NAKASUJI, Mamoru	March 1, 2004
Fourth party	Name: NOJI, Nobuharu	March 1, 2004
Fifth party	Name: SATAKE, Tohru	March 1, 2004

Additional name(s) of conveying party (ies) attached? Yes No XX

Receiving Party (ies):

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

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

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

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Pages Enter the total number of pages of the attached conveyance document: 1
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Application Number(s) or Patent Number(s) Additional numbers attached? Yes ___ No ___

A. Patent Application No.(s)

B. Patent No.(s)

10/697,647 filed October 31, 2003

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

(Do not recite both application and patent numbers.)

Patent Cooperation Treaty (PCT)

PCT _____

Enter PCT application number only if

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a U.S. Application Number has not been assigned

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

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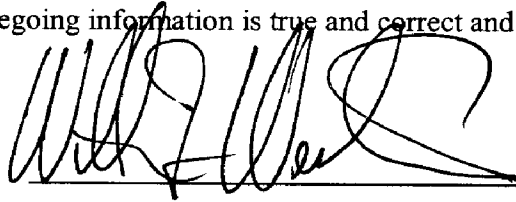
XX Enclosed

___ Authorized to be charged to Deposit Account No.: 50-2866

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 F. Westerman



Name of Person Signing

Signature

March 29, 2004

29,988

Date

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)

ELECTRON BEAM APPARATUS AND DEVICE MANUFACTURING METHOD
USING SAME

(*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 Oct. 31, 2003 Serial No. 10/697,647

(Westerman, Hattori, Daniels & Adrian, 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>Muneki Hamashima</u> (Signature)	<u>Muneki HAMASHIMA</u> (Type Name)	<u>March 1, 2004</u> (Date)
<u>Takao Kato</u> (Signature)	<u>Takao KATO</u> (Type Name)	<u>March 1, 2004</u> (Date)
<u>Mamoru Nakasuji</u> (Signature)	<u>Mamoru NAKASUJI</u> (Type Name)	<u>March 1, 2004</u> (Date)
<u>Nobuharu Noji</u> (Signature)	<u>Nobuharu NOJI</u> (Type Name)	<u>March 1, 2004</u> (Date)
<u>Tohru Satake</u> (Signature)	<u>Tohru SATAKE</u> (Type Name)	<u>March 1, 2004</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED