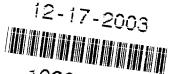
12/10/03

Attorney Docket No. 032154



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Submission type:

X New

Conveyance type:

X Assignment

Conveying Party(ies):

(Last, First, Middle Initial)

Execution Date

First party

Name:

NAKASUJI, Mamoru

October 24, 2003

Second party

Name:

KATO, Takao

October 24, 2003

Third party

Name:

NOJI, Nobuharu

October 24, 2003

Fourth party

Name:

SATAKE, Tohru

October 24, 2003

Fifth party

Name:

MURAKAMI, Takeshi

October 24, 2003

Sixth party

Name:

WATANABE, Kenji

October 24, 2003

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 144-8510 Japan

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

Domestic Representative Name and Address

(Enter for the first Receiving Party only)

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP 1250 Connecticut Avenue, N.W., Suite 700 Washington, D.C. 20036

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Page 2						
Correspondent Name and Address Telephone: 202-882-1100 WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP 1250 Connecticut Avenue, N.W., Suite 700 Washington, D.C. 20036						
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 XX A. Patent Application No.(s) B. Patent No.(s) ## 10/731(63) If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: October 24, 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 PCT PCT PCT PCT PC						
Number of Properties Enter the total number of properties involved:						
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41) \$40.00						
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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. Scott M. Daniels Name of Person Signing December 10, 2003 Date Registration No. Rev. 11/00						

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PATENT REEL: 014784 FRAME: 0804

Docket No.	Westerman, Hattori, Daniels & Adrian, LLP				
	U.S. ASSIGNMENT				
(Insert ASSIGNEE's Name(s) Address(es)) (Title of Invention)	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				
	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				
	AN ELECTRON BEAM APPARATUS AND A DEVICE MANUFACTURING METHOD				
	BY USING SAID ELECTRON BEAM APPARATUS				
(*If the assignment is being filed after the filing of the	for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:				
application, this section must be completed)	* filed on Serial No				
	(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)

Mamorn Nahasuji	Mamoru NAKASUJI	October 24, 2003	
(Signature)	(Type Name)	(Date)	
Jakao Kato	Takao KATO	October 24, 2003	
(Signature)	(Type Name)	(Date)	
Noduharn Roji	Nobuharu NOJI	October 24, 2003	
(Signature)	(Type Name)	(Date)	
John Satake	Tohru SATAKE	October 24, 2003	
(Signature)	(Type Name)	(Datc)	
Takeshi MURAKAMI (Signature)	Takeshi MURAKAMI (Type Name)	October 24, 2003 (Date)	
<u> Henji Watanabe-</u> (Signature)	Kenji WATANABE (Type Name)	October 24, 2003 (Date)	

NO LEGALIZATION REQUIRED

RECORDED: 12/10/2003

PATENT REEL: 014784 FRAME: 0805