		TRANSMITTAL	09	-01-1999	A 44 T) 4.8 <i>43 1</i> 950CID
1-31-92					Docket:862.2859CIP	
		of Patents and Traden			ocuments or co	py thereof.
1.	Name of conveying party:	OIPE	<u>,</u> 10	1132002	eiving party:	
	(1) Takahiro OGUCHI (2) Mitsutoshi KUNO (2) Mitsutoshi KUNO (3) AU6 2 6 1999			Name: CANON KABUSHIKI KAISHA		
	(3) Noritake SUZUKI	PE S	<i>Ŋ</i>	F	. a. ci: 1 . a. i	
	Additional name(s) of conveying party (Annual ed?			Foreign Address: 30-2, Shimomaruko 3-chome Ohta-ku, Tokyo, Japan		
	∐ Yes	36-99		Onta ka, 1	okyo, Jupun	
3.	Nature of conveyance:					
	X Assignment Security Agreement	Merger Change of Name		Domestic Address:		
	Execution Data: (1) July 1	1000 (2) Iuly 2 1000			*****	
<u>(3)</u>	Execution Date: (1) July 1, July 2, 1999	1999, (2) July 2, 1999,		City:	State	ZIP
				Additional name(s)	& address(es) attached	? Yes X No
4.	Application number(s) or patent number(s): If this document is being filed together with a new application,					
	A. Patent Application Nur			B. Title of Inve		
	Filing Date: June 9, 1999			METHOD AND APPARATUS FOR MANUFACTURING ELECTRON SOURCE, AND METHOD OF MANUFACTURING IMAGE FORMING APPARATUS		
		Additional numbers a	ittached?	Yes 2	X No	
5.	Name and address of party to whom correspondence concerning document should be mailed:			6. Number of application	cations and patents inv	olved:
	N E'.				One	
	Name: Fitzpatri	ick, Cella, Harper & Scir	<u>ito</u>	7. Total fee (37 CF	D 2 41). \$	40.00
	30 Rock	efeller Plaza		7. Total Ice (37 Cl	K 3.41)	40.00
	New Yo	rk, New York 10112-380	01	X Enclosed Authorized to	be charged to deposit	account
	Telephone No.: (212) 21	8-2100		8. Deposit account	number (for deficiency	y or excess)
					06-1205	
	Facsimile No.: (212) 21	8-2200		(Attach duplicate c	opy of this page if paying	g by deposit account):
B/31/1999 DNGUYEN 00000241 09328804						
FC:581 40.00 OP DO NOT USE THIS				THIS SPACE		40E
9.	Statement and signature.					
To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.						
C. Philip Wrist, Reg. No. 32,078				XXX	August 26, 1999	
	Name of Person Signin	ng	ture	Da	ate	
Total number of pages including cover sheet, attachments, and documents: 3						

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JOINT (AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, We, Takahiro OGUCHI, Mitsutoshi KUNO and Noritake SUZUKI

citizens of Japan residing respectively at

6-10, Sakaecho, Sagamihara-shi, Kanagawa-ken, Japan; 11-18-2-204, Higashirinkan 3-chome, Sagamihara-shi, Kanagawa-ken, Japan; and 3-20-206, Okata 5-chome, Atsugi-shi, Kanagawa-ken, Japan

hereby sell, assign, transfer and convey unto
a corporation of Japan
having a place of business at

30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States, in and to certain inventions relating to

METHOD AND APPARATUS FOR MANUFACTURING ELECTRON SOURCE, AND METHOD OF MANUFACTURING IMAGE FORMING APPARATUS

and described in an application for Letters Patent of the United States filed by us on June 9, 1999 and which has been accorded Application No. 09/328,804

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominces to invoke and claim for any application for patent or other form of protection for said inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

PATENT REEL: 010196 FRAME: 0808

CANON-15-

page 2

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

By: Jakahiro Oguchi Date: July 1, 1999
Takahiro OGUCHI

By: Mitsutoski Kuno Date: July 2.1999

Mitsutoshi KUNO

By: <u>Montake Signki</u> Date: July 2/999
Noritake SUZUKT