		05-28-19	98		
Form-PTO-1595 TRAN: 1-31-92			RDATION		
	To the Commissioner of Patents	1 (84) 21 (164) 22 (17)	original documents or copy thereof.		
1.	Name of conveying party(ies): 5. 20 - FP	10072142	2. INAILIE and address of receiving party(ies):		
=	(1) Michiyo NISHIMURA,(2) Hisaaki KAWADE, and(3) Kazuya MIYAZAKI		Name: CANON KABUSHIKI KAISHA Foreign Address: 30-2, 3-chome, Shimomaruko, Ohta-ku		
	Additional name(s) of conveying party(Yes X No	ies) attached?	Tokyo, Japan		
3.	Nature of conveyance: X Assignment	nge of Name	Domestic Address:		
	Execution Date: (1) February 27, 19 1998, and (3) Mare		City: State ZIP Additional name(s) & address(es) attached? Yes X No		
05/8	A. Patent Application Number: 08/99 Filing Date: December 24, 1997 6/1996 JWATKINS 00000170 08498484	with a new application	, the execution date of the application is: B. Title of Invention: "ELECTRON SOURCE SUBSTANCE AND ELECTRON SOURCE AND IMAGE-FORMING APPARATUS USING SUCH SUBSTRATE AS WELL AS METHOD OF MANUFACTURING THE SAME"		
VIF	6:58) 90.00 pp Addition	nal numbers attached?	Yes X No		
5.	Name and address of party to whom co concerning document should be mailed		6. Number of applications and patents involved: One (1)		
	Name: Fitzpatrick, Cella, H	larper & Scinto			
	277 Park Avenue		7. Total fee (37 C.F.R. § 3.41): \$ 40.00 €		
	New York, New Yo	rk 10172-0194	 X Enclosed ☐ Authorized to be charged to deposit account 		
	Telephone No.: (212) 758-2400		8. Deposit account number (for deficiency or excess)		
	Facsimile No.: (212) 758-2982		O6-1205 (Attach duplicate copy of this page if paying by deposit account):		
DO NOT USE THIS SPACE					
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. Jean K. Dudek, Registration No. 30,938 May 20, 1998					
	Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: <u>Two</u>				

REEL: 9185 FRAME: 0109

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, $\,$ MICHIYO NISHIMURA, HISAAKI KAWADE and KAZUYA MIYAZAKI

citizens of JAPAN residing respectively at

31-6-201, Sobudai 3-chome, Sagamihara-shi, Kanagawa-ken, Japan; 14-20, Shirane 3-chome, Asahi-ku, Yokohama-shi, Kanagawa-ken, Japan; and 6-29, Mizuhiki 2-chome, Atsugi-shi, Kanagawa-ken, Japan

hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA 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

ELECTRON SOURCE SUBSTRATE AND ELECTRON SOURCE AND IMAGE-FORMING APPARATUS USING SUCH SUBSTRATE AS WELL AS METHOD OF MANUFACTURING THE SAME

and described in an application for Letters Patent of the United States filed by us on $\frac{1997}{1998}$ and which has been accorded Application No. $\frac{08}{998}$, 429

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 nominees 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 said 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.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pentaining 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:	Miduyo Mohimura MICHIYO NISHIMURA	Date: 1el-mary >7, 1998
Ву:	Visanki Kawade	Date: March 2, 1998
	HISAAKI KAWADE KAZUYA MIYAZAKI	Date: March 2, 1998
_		Detai
Dy:		Date:
By:		PATENT

RECORDED: 05/20/1998

REEL: 9185 FRAME: 0110