	m-PTO-1595	TRA		ORDATION Atty Docket: 2010 0006		
1-31			1019047	Atty. Docket: 2910.0006		
			atents. Ficase record in	ne anacies orginal documents or copy thereof.		
1.	Name of conveying party(ie	• •	OIPE	2. Name and address of receiving party(ies):		
KAZ	MICHIYO NISHIMURA, I ZUSHI NOMURA	DAISUKE SA	SAGURI and NOV 7 7 2001			
	Additional name(s) of conve	eying party(ie	s) attached?	Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku		
	Yes	X No	PADEMARY	Tokyo, Japan		
3.	Nature of conveyance: X Assignment	Merg	er	Domestic Address:		
	Security Agreement Other		ge of Name	City: State ZIP		
	Execution Date: 10/23/01; 10	/22/01 and 10/22	2/01 respectively	Additional name(s) & address(es) attached?		
4.	Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:					
	A. Patent Application Num	nber: 09/956,	305	B. Title of Invention: METHOD OF DRIVING ELECTRON-		
	Filing Date: Septembe	- 20, 2001		EMITTING DEVICE, ELECTRON SOURCE, AND IMAGE- FORMING APPARATUS, DRIVING CIRCUIT FOR ELECTRON		
	rining Date. Septembe	1 20, 2001		SOURCE AND IMAGE-FORMING APPARATUS, ELECTRON		
				SOURCE AND IMAGE-FORMING APPARATUS INCLUDING THE DRIVING CIRCUIT, AND METHOD OF MANUFACTURING		
				IMAGE-FORMING APPARATUS		
		Additiona	l numbers attached?	Yes X No		
5.	Name and address of party	to whom corr	espondence	6. Number of applications and patents involved:		
٦,	concerning document shoul	d be mailed:	•	One		
	Name: Fitzpatr	ick, Cella, Ha	arper & Scinto	7. Total fee (37 CFR 3 41): \$ 40.00		
		efeller Plaza		7. Total fee (37 CFR 3.41): \$ 40.00		
				X Enclosed		
	New Yo	ork, New Yor	k 10112-3801	Authorized to be charged to deposit account		
	Telephone No.: (212) 2	18-2100		8. Deposit account number (for deficiency or excess)		
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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.						
	if the copy of the original a		· /, A.	1 Movember 26, 2001		
1	Frank A. DeLucia (Reg. #	42,476)		November 26, 2001 Date		
-	Name of Person Sign	ing	Sig	mature		
Name of Person Signing 1/29/2001 LHELLER 00000026 09956305 Total number of pages including cover sheet, attachments, and documents: 2						
		40.00 DP				

NY_MAIN 218736 v 1

PATENT REEL: 012321 FRAME: 0903

JOINT

(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Michiyo NISHIMURA, Daisuke SASAGURI and Kazushi NOMURA

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

a corporation of JAPAN

having a place of business at

3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

RECORDED: 11/27/2001

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 OF DRIVING ELECTRON-EMITTING DEVICE, ELECTRON SOURCE, AND IMAGE-FORMING APPARATUS, DRIVING CIRCUIT FOR ELECTRON SOURCE AND IMAGE-FORMING APPARATUS, ELECTRON SOURCE AND IMAGE-FORMING APPARATUS INCLUDING THE DRIVING CURCUIT, AND METHOD OF MANUFACTURING IMAGE-FORMING APPARATUS

and described in an application for Letters Patent of the United States filed by us on September 20, 2001 and which has been accorded Application No. 09/956, 305

and in and to said application, and all divisions, 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 of 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 Assignce or nominees to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right or 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 convenant 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 convenant 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 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: Michiya Nishimura	Date: October 23 2001
By: Jaisuke Sasaguri Daisuke SASAGURI	Date: October 22, 200/
By: Kazushi Nomura Kazushi Nomura	Date: October 22, 2001
By:	Date:
Ву:	Date:

PATENT REEL: 012321 FRAME: 0904