Fo	orm-PTO-1595 TRANSMITT 03-2	26-1999 ion		
1-	31-92	Atty. Docket: 35.C13268		
	To the Commissioner of Patents and Tra	al documents or copy thereof.		
1.	A CONTRACTOR OF THE CONTRACTOR	998822 f receiving party:		
	Shin ISHIMATSU	Name: CANON KABUSHIKI KAISHA		
1	Tsutomu ABE Takeshi OKAZAKI MAR 2 4 1999	Fault Address 20.2 Chinamada 2 chang		
1	Kouichi OMATA	Foreign Address: 30-2, Shimomaruko 3-chome Ohta-ku, Tokyo, Japan		
H				
2	Additional name(s) of conveying party(ies) attached?			
】	Yes X No			
] 3.				
	X Assignment Merger	Domestic Address:		
į.	Security Agreement Change of Name			
	Other			
	Execution Date: February 17, 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	1		
	A. Patent Application Number: 09/235,769	B. Title of Invention:		
	Filing Date: January 25, 1999	INK JET RECORDING HEAD, METHOD OF		
İ		PRODUCING SAME, AND INK JET RECORDING		
		APPARATUS		
	Additional numbers attached?	Yes X No		
5.	1	6. Number of applications and patents involved:		
	concerning document should be mailed:	One		
	Name: Fitzpatrick, Cella, Harper & Scinto	Gine Cine		
	00 P. J. C.H. PI	7. Total fee (37 CFR 3.41): \$ 40.00		
	30 Rockefeller Plaza			
	New York, New York 10112-3801	X Enclosed		
İ	Talankana Na . (212) 218 2100	Authorized to be charged to deposit account		
	Telephone No.: (212) 218-2100	8. Deposit account number (for deficiency or excess)		
	Facsimile No.: (212) 218-2200	06-1205		
፞፞፞፞፞፞		(Attach duplicate copy of this page if paying by deposit account):		
03/26/1999 JSMABAZZ 00000086 09236769 DO NOT USE THIS SPACE				
01 FC:581 40.00 OF				
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.				
\wedge				
Jean K. Dudek - Reg. No. 30,938 March 24, 1999				
==	Name of Person Signing Signature Date			
Total number of pages including cover sheet, attachments, and documents: 2				

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PATENT REEL: 9835 FRAME: 0934

JOINT

(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, SHIN ISHIMATSU, TSUTOMU ABE, TAKESHI OKAZAKI and KOUICHI OMATA

citizens of JAPAN

residing respectively at 15-7-203, Satsukigaoka, Aoba-ku, Yokohama-shi, Kanagawa-ken, Japan; 2-1-604, Higashi Naruse 4-chome, Isehara-shi, Kanagawa-ken, Japan; 10-45-B-102, Futaba 2-chome, Sagamihara-shi, Kanagawa-ken, Japan; and 10-8-105, Suge 6-chome, Tama-ku, Kawasaki-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

INK JET RECORDING HEAD, METHOD OF PRODUCING SAME, AND INK JET RECORDING APPARATUS

and described in an application for Letters Patent of the United States filed by us on January 25, 1999 and which has been accorded Application No. 09/235,769

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 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.

Ву:	Shin Ishimatay	Date: February 17, 1999
	SHIN ISHIMATSU	
Ву:	Tsutomu Alice TSUTOMU ABE	Date: 1+2bruary 17, 1999
		,
Ву:	Jakeshi Chazaki TAKESHI OKAZAKI	Date: <u>February 17, 1999</u>
Ву:	nauche amita	Date: February 17.1999
	KOUICHI OMATA	1
Ву:		Date:

RECORDED: 03/24/1999

PATENT REEL: 9835 FRAME: 0935