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1	m-PTO-1595 1-92	TRA			ORDATION Atty. Docket: 35.C12825		
-	To the Commissione	r of Patents			ed original documents or copy thereof.		
1.	Name of conveying party		10083764	40	address of receiving party(ies):		
Ĭ	rume or conveying party	, (105).	.000	1			
	SHUJI KOYAMA, KAZ			Name:	CANON KABUSHIKI KAISHA		
0	IKEGAME, HIROAKI MIHARA, TOSHIO KASHINO, and HIROXUKI ISHINAGA			Foreign Ad	dress: 30-2, Shimomaruko 3-chome, Ohta-ku		
1	Additional name(s) of conveying party(ies) attached?				Tokyo, Japan		
SEF	SEP 1 8 1998 ⇒ ☐ Yes 🗵 No						
3	Nature of conveyance:						
1	<b>X</b> EARS Enment	☐ Me	-	Domestic A	ddress:		
	Security Agreement		inge of Name				
	Other			City	State ZIP		
}	Execution Date: July 25, 1998 (last)			City.	StateZII		
L				Additional	name(s) & address(es) attached? Yes X No		
4.	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 N			1	e of Invention:		
i	A. Fatcht Application N	(umoei. 09/11	0,023	D. 1100	of invention.		
	Filing Date: July 2,	1998		ſ	ETHOD FOR MANUFACTURING AN		
1					FICE PLATE FOR USE OF A LIQUID CHARGE, AN ORIFICE PLATE, A LIQUID		
ļ					CHARGE PROVIDED WITH SUCH ORIFICE		
l				PLA	TE, AND A METHOD FOR		
ł				MA	NUFACTURING SUCH LIQUID DISCHARGE		
		Addition	nal numbers attached?	☐ Yes	X No		
5.	Name and address of par concerning document sho			6. Number	of applications and patents involved:		
ļ	Name: Fitzpa	trick Calla	Harper & Scinto		One		
1	Name. 11tzpa	iriex, cena,	marper & Senito	7. Total fe	e (37 CFR 3.41): \$ 40.00		
	30 Ro	ckefeller Plaz	<u>a</u>				
}	New `	York. New Yo	ork 10112-3801	X Encl			
Ì					orized to be charged to deposit account		
	Telephone No.: (212)	218-2100		8. Deposit	account number (for deficiency or excess)		
	Facsimile No.: (212)	218-2200		(Attach d	06-1205 uplicate copy of this page if paying by deposit account):		
/22/1	1998 DHGUYEN 00000173 0911	10025		( nach c	inpricate copy of and page it paying by deposit decoding.		
FC:581 40.00 0P DO NOT USE THIS SPACE							
9.	Statement and signature.						
1							
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.							
David L. Schaeffer Journ J. Schaeffer 9/14/98							
Name of Person Signing Signature Date							
	RN31,716 Total number of pages including cover sheet, attachments, and documents: 3						

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## ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, SHUJI KOYAMA, KAZUAKI MASUDA, KEN IKEGAME, HIROAKI MIHARA, TOSHIO KASHINO and HIROYUKI ISHINAGA

citizens of Japan residing respectively at 9-38-607, Minami Kase 3-chome, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, Japan; 8-24, Nakanoshima 4-chome, Tama-ku, Kawasaki-shi, Kanagawa-ken, Japan; 5-8, Yayoi 2-chome, Bunkyo-ku, Tokyo, Japan; 6-6, Kichijojihon-cho 4-chome, Musashino-shi, Tokyo, Japan; 7-22-101, Hishinumakaigan, Chigasaki-shi, Kanagawa-ken, Japan; and 20-1-1307, Arakawa 7-chome, Arakawa-ku, Tokyo, 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 A METHOD FOR MANUFACTURING AN ORIFICE PLATE FOR USE OF A LIQUID DISCHARGE, AN ORIFICE PLATE, A LIQUID DISCHARGE PROVIDED WITH SUCH ORIFICE PLATE, AND A METHOD FOR MANUFACTURING SUCH LIQUID DISCHARGE

and described in an application for Letters Patent of the United States filed by us on July 2, 1998 and which has been accorded Application No. 09/110,025 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 Assignce 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.

PATENT REEL: 9464 FRAME: 0234 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.

	Shori doyama SHUJI KOYKMA	Date: July 24, 1998
Ву:	Kaznaki masuda	Date: July 24 1998
Ву:	Ken Ikegame KEN IKEGAME	Date: July 24, 1998  - 74, M. July 24, 1998  Date: January 4, 1978
Ву:	Hiroaki Mihara HIROAKI MIHARA	Date: January 7, 1978
Ву:	Toshio Kashino TOSHIO KASHINO	Date: July 25, 1998
Ву:	Niroyuki Johinaga HIROYUKI ISHINAGA	Date: July 25.1998
By:		Date:
Ву:		Date:
Bv:		Date:

**RECORDED: 09/18/1998**