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For 1-31	m-PTO-1595	TRANSMITTAL OF DOCUM PATENT:	11-20-2000	Docket: 35.C14520
	To the Commissioner of	Patents and Trademarks: Please		opy thereof.
Name of conveying party(ies): YOICHI TANEYA,     AKIHIRO YAMANAKA, YOSHIYUKI IMANAKA, and     MASAHIKO KUBOTA.		101521846 ies): Name: CANON KABUSHIKI KAISHA		
2	Additional name(s) of conveying Yes	OCT 19 2000	Foreign Address: 30-2, Shimomaruko 3	
3.	Nature of conveyance:  X Assignment Security Agreement Other		Domestic Address:	
	Execution Date: <u>6/22/00</u> , <u>6/22</u>	2/00, 6/2 <b>6</b> 00, and 6/22/00	City: State	7IP
			Additional name(s) & address(es) attach	
4.	<ol> <li>Application number(s) or patent number(s):         If this document is being filed together with a new application,         A. Patent Application Number: 09/584,484         Filing Date: June 1, 2000     </li> </ol>			
		Additional numbers attached?	Yes X No	
5.	Name and address of party to whom correspondence concerning document should be mailed:		6. Number of applications and patents	involved:
	Name: Fitzpatrick 30 Rockefe	, Cella, Harper & Scinto	One 7. Total fee (37 CFR 3.41): \$	40.00
•	New York	New York 10112-3801	X Enclosed Authorized to be charged to dep	osit account
	Telephone No.: (212) 218-7 Facsimile No.: (212) 218-7		8. Deposit account number (for deficient	
			O6-1205 (Attach duplicate copy of this page if p	aying by deposit account):
/20/2 FC:5	000 AAHMED1 00000032 09584484 81 40.	00 UP 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.    Doc (as Sharvo + Signature   Signature   Date   D				
		Total number of	f pages including cover sheet, attachments	s and documents: 2

PATENT REEL: 011243 FRAME: 0643

JOINT

(AFTER APPLICATION FILED)

## ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, YOICHI TANEYA, AKIHIRO YAMANAKA, YOSHIYUKI IMANAKA, and MASAHIKO KUBOTA

citizens of Japan
residing respectively at 19-3, Aobadai 1-chome, Aoba-ku, Yokohama-shi,
Kanagawa-ken, Japan; 8-22-404, Higashi Arima 3-chome, Miyamaeku, Kawasaki-shi, Kanagawa-ken, Japan; 1163-8, Chitose, Takatsuku, Kawasaki-shi, Kanagawa-ken, Japan; and 22-18, Nakano 5-chome,
Nakano-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 LIQUID DISCHARGE HEAD AND LIQUID DISCHARGE APPARATUS THAT USES THE LIQUID DISCHARGE HEAD, AND DISCHARGE VOLUME CORRECTION METHOD FOR THE LIQUID DISCHARGE HEAD

and described in an application for Letters Patent of the United States filed by us on June 1, 2000 and which has been accorded Application No. 09/584,484

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 nominces 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: YOICHI TANEYA	Date: June 22 Zove
By: Akihiro Samanata AKIHIRO YAMANAKA	Date: True 22, 2000
By: Yoshiyuki Jmenaka Yoshiyuki Imanaka	Date: June 26, 2000
By: Masahiko Kubo Ta Masahiko Kubo Ta	Date: June 22, 2000
MASAHIKO KUBOTA	Date.
By:	Date:

**RECORDED: 10/19/2000** 

PATENT REEL: 011243 FRAME: 0644