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12-15-2000			
Form-PTO-1595 (1) TRANSMI' TION  1-31-92 Atty. Docket: 35.C	4638		
To the Commission of Detaute and			
1. Name of conveying party(ies): YOSHINORI MISUMI, HIROYUKI ISHINAGA, YOICHI TANEYA, HIROYUKI SUGIYAMA and SATOSHI SHIMAZU.  10. 15. 25. Indicated and accuments or copy thereof.  2. Indicated and accuments or copy thereof.  Name: CANON KABUSHIKI KAISHA			
Additional name(s) of conveying party(ies) attached?  Yes X No O P F  Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku			
NOV 2 8 ZOUL Tokyo, Japan			
3. Nature of conveyance:    X Assignment			
Execution Date: September 8, 2000 (all)			
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, the execution date of the application is:			
A. Patent Application Number: 09/624,380  B. Title of Invention: LIQUID DISCHARGE METI LIQUID DISCHARGE HEAD AND LIQUID DISCHARGE HEAD AND LIQUID DISCHARGE APPARATUS	IOD,		
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, Cella, Harper & Scinto 7 Total fee (37 CFP 3 41): \$ 40.00			
Name: Fitzpatrick, Cella, Harper & Scinto 7. Total fee (37 CFR 3.41): \$ 40.00			
New York, New York 10112-3801    X Enclosed   Authorized to be charged to deposit account			
Telephone No.: (212) 218-2100 Facsimile No.: (212) 218-2200  8. Deposit account number (for deficiency or excess)			
2/14/2000 MTHAI1 00000313 05624360 06-1205 (Attach duplicate copy of this page if paying by deposit a	ecount):		
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.			
Douglas SHARROTT Jy Shill November 27, 2000  Name of Person Signing Signature Reg. No. 39,832  Date			
Total number of pages including cover sheet, attachments, and documents: 2			

PATENT

REEL: 011332 FRAME: 0552

**JOINT** 

(AFTER APPLICATION FILED)

## ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, YOSHINORI MISUMI, HIROYUKI ISHINAGA YOICHI TANEYA, HIROYUKI SUGIYAMA and SATOSHI SHIMAZU

citizens of JAPAN

residing respectively at 1-35-202, Todoroki 6-chome, Setagaya-ku, Tokyo, Japan; 20-1-1307, Arakawa 7-chome, Arakawa-ku, Tokyo, Japan; 19-3, Aobadai 1-chome, Aoba-ku, Yokohama-shi, Kanagawa-ken, Japan; 11-3, Chuo 5-chome, Sagamihara-shi, Kanagawa-ken, Japan; and 8-1, Rokkakubashi 5-chome, Kanagawa-ku, Yokohama-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

LIQUID DISCHARGE METHOD, LIQUID DISCHARGE HEAD AND LIQUID DISCHARGE APPARATUS

and described in an application for Letters Patent of the United States filed by us on July 27, 2000 and which has been accorded Application No. 09/624,380 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:_	Aposhinou Misumi- YOSHINORI MISUMI	Date: September 8, 2000
Ву:	Hirogula Ishinaga HIROYUKI ISHINAGA	Date: September 8, 2000
	Moiche Janeya YOICHI TANEYA	Date: September 8, 2000
Ву:	Heroyaki Sayayanan HIROYUKI SUGIYAMA	Date: September f, 2000
	Satochi Shimazu SATOSHI SHIMAZU	Date: September 8, 2000

**RECORDED: 11/28/2000** 

PATENT REEL: 011332 FRAME: 0553