Form-PTO-1595		TRANSI	04-04-2		DATION
1-3	1-92	D 1 T			Atty. Docket: 03500.109641
-	To the Director, U.S.		102971		original documents or copy thereof.
1.	Name of conveying party(ic	es):	102971	940	ress of receiving party(ies):
A) MAKOTO AKAHIRA and B) SATOSHI WADA,					KABUSHIKI KAISHA
	Additional name(s) of conveying party(ies) attached? Yes No				
i				Foreign Address:	: 3-30-2, Shimomaruko, Ohta-ku
					Tokyo, Japan
3.	Nature of conveyance: X Assignment Security Agreement Other			Domestic Addres	ss:
	Execution Date: both inven	tors signed on M	larch 17, 2005		
				City:	State ZIP
				Additional name((s) & address(es) attached? Yes X No
	A. Patent Application Nur Filing Date: Herewith		ssigned numbers attached?		ARGE HEAD, LIQUID DISCHARGE PPARATUS, AND LIQUID DISCHARGE
5.	Mann and address of party to whom correspondence			6. Number of a	pplications and patents involved:
	cancerning document should	ld be mailed:			One
	Name:Fitzpatr	rick, Cella, Harp	er & Scinto		
ļ	30 Pool	kefeller Plaza		7. Total fee (37)	CFR 3.41): \$ 40.00
	<u>-</u>	ork, New York 1	0112-3800	X Enclosed Authorize	ed to be charged to deposit account
	Telephone No.: (212) 2	18-2100		8. Deposit accord	unt number (for deficiency or excess)
	Facsimile No.: (212) 2	18-2200			06-1205
<u> </u>				(Attach duplic	ate copy of this page if paying by deposit account):
701/2005 GTON11 00000154 1108\$125 DO NOT USE THIS SPACE FC:8021 40.00 DP					
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. Elizabeth F. Holowacz (Reg. No. 42,667) Name of Person Signing Signature Total number of pages including cover sheet, attachments, and documents: 3					

Form #122



10009641US01

JOINT (BEFORE APPLICATION FILED)

ASSIGNMENT

FOR VALUE RECEIVED, WE, Makoto Akahira and Satoshi Wada

citizens of Japan

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

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title, and interest, for all countries, in and to certain inventions relating to

LIQUID DISCHARGE HEAD, LIQUID DISCHARGE RECORDING APPARATUS, AND LIQUID DISCHARGE RECORDING METHOD

and described in an application for Letters Patent of the United States which is filed concurrently herewith and was executed by us, respectively, 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 all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority to do so, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignce 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 such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by a 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 and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the 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.

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RECORDED: 03/22/2005

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PATENT REEL: 016406 FRAME: 0076