Form-PTO-1595 TR/ 1-31-92				ORDATION Atty. Docket: 03500.016527		
	To the Director, U.S. Patent a	10224065	Q cl	hed original documents or copy thereof.		
1.	Name of conveying party(ies): (1) Yukuo YAMAGUCHI (2) (3) Mikiya UMEYAMA	Yutaka KOIZUMI	2. Name and a	address of receiving party(ies):		
	Additional name(s) of conveying p	onal name(s) of conveying party(ies) attached? Yes X No		Foreign Address: 3-30-2, Shimomaruko, Ohta Kul PE Tokyo, Japan SEP 3 0 2002 µ		
3.	Nature of conveyance: X Assignment Security Agreement Other	Merger Change of Name		ress:StateState		
	Execution Date: August 1, 2002		Additional nan	ne(s) & address(es) attached? Yes XNo		
4.	Application number(s) or patent m If this document is being filed toge A. Patent Application Number: 1 Filing Date: July 3, 2002	ether with a new application, t	B. Title of LIQUID JET F LIQUID JET F	1		
	Ad	ditional numbers attached?	Yes	X No		
5.	Name and address of party to who concerning document should be m	=	6. Number of applications and patents involved:			
	Name: Fitzpatrick, Ce	lla, Harper & Scinto		One		
	30 Rockefeller	Plaza		37 CFR 3.41): \$ 40.00		
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PATENT REEL: 013348 FRAME: 0452

JOINT

(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Yukuo Yamaguchi, Yutaka Koizumi and Mikiya Umeyama

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

RECORDED: 09/30/2002

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 JET RECORDING HEAD PACKING METHOD, LIQUID JET RECORDING HEAD AND LIQUID JET RECORDING APPARATUS

and described in an application for Letters Patent of the United States filed by us on July~3, 2002 and which has been accorded Application No. 10/187, 809

and in and to said application, and all divisions, 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 of 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 filed by it or them, the benefit of the right or 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 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: Yukuo Yamaguchi Yukuo Yamaguchi	Date: August / 2002
By: Jutaka Kojzumi Yutaka Kojzumi	Date: August 1, 2002
By: Mikiya Umeyama . Mikiya Umeyama .	Date: August 1, 2002.
Ву:	Date:
Ву:	Date:

PATENT REEL: 013348 FRAME: 0453