06-26-2003		
Form-PTO-1595 TRANSMITTA		N Atty. Docket: 00862.023085
<u> </u>	To the Director II & Louant and Trademor	documents on converte on of O.
1.	(1) Solliet KAWASAKI (2) HIIOYUKI MAKO	Name: CANON KABUSHIKI KAISHA
	Additional name(s) of conveying party(ies) attached?  Yes $X$ No	Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku
		Tokyo, Japan
3.	Nature of conveyance:  X Assignment	Domestic Address:
	Execution Date: June 11, 2003	C'ty.
		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.  A. Patent Application Number: Not Yet Assigned Filing Date: June 17, 2003  10462640  Additional numbers attached?	b. Title of Invention: DRIVE CIRCUIT, PRINTHEAD AND PRINTING APPARATUS  Yes X No
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Number of applications and patents involved:  One
	Name: Fitzpatrick, Cella, Harper & Scinto	
	30 Rockefeller Plaza	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	8. Deposit account number (for deficiency or excess)
	Facsimile No.: (212) 218-2200	O6-1205 (Attach duplicate copy of this page if paying by deposit account):
725/2003 6TDH11 00000106 10462640 DO NOT USE THIS SPACE FC:8021 40.00 0P		
9. Br	Statement and signature.  To the best of my knowledge and belief, the foregoing informatrue copy of the original document.  ian L. Klock - Reg. No. 36,570  Name of Person Signing  Sig	June 17, 2003  Date
1	m 1	of nages including cover sheet, attachments, and documents: 2

BLK/kkv

DC\_MAIN 136018 v 1

JOINT

(BEFORE APPLICATION FILED)

## ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Somei Kawasaki and Hiroyuki Maru

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 the United States, in and to certain inventions relating to

## DRIVE CIRCUIT, PRINTHEAD AND PRINTING APPARATUS

and described in an application for Letters Patent of the United States executed by each of us, respectively, on the date indicated below 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 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 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: Somei Kawasaki

By: Miroyuki Maru

Date: June 11. 2003

Date: June 11. 2003

**RECORDED: 06/17/2003** 

PATENT REEL: 014198 FRAME: 0434