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-31-92	-17		Atty. Docket: 00862.103379
To the Director, U.S. Pate	ent and Trademarl	Anna Anna Anna and anna ann anna in 1881	documents or copy thereof.
Name of conveying party(ies): (1) Yoshiyuki IMANAKA (2) Nobuyuki HIRAYAMA (3) Ichiro SAITO (4) Muga MOCHIZUKI		102 <u>955603</u> Name: <u>CANON KABI</u>	eceiving party(ies):
(4) Muga MOCHIZUKI (5) Takaaki YAMAGUCHI (6) Masao KATO (7) Toshiyasu SAKAI	RIENT & TRANSMITTER	Foreign Address: 3-3	-2, Shimomaruko, Ohta-ku kyo, Japan
Additional name(s) of conveyin  Yes  Nature of conveyance:	$\overline{X}$ No		e Coder to Paris
X Assignment Security Agreement Other	Merger Change of Name		
Execution Date: (1 and 5) November 22, 2004; (2) November 29, 004; (3, 4 and 7) November 24, 2004; and (6) November 27, 004		27	State ZIP ZIP Address(es) attached? Yes X No
A. Patent Application Number	together with a new a	B. Title of Inventi	application is:ion: PRINTHEAD DRIVING METHO
Filing Date: November 4, 2004			BSTRATE, PRINTHEAD, HEAD D PRINTING APPARATUS
	Additional numbers	ttached? Yes X	No
= -	Name and address of party to whom correspondence concerning document should be mailed:		tions and patents involved:
Name: Fitzpatrick,	Cella, Harper & Scin	to	One
30 Rockefel	-	7. Total fee (37 CFR	3.41): \$40.00
New York,	New York 10112-380	0 X Enclosed Authorized to b	e charged to deposit account
, Telephone No.: <u>(212) 218-2</u>	100	8. Deposit account nu	umber (for deficiency or excess)
Facsimile No.: (212) 218-2	200	(Attach duplicate co	06-1205 by of this page if paying by deposit account
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Douglas W. Pinsky, Reg. No. 46,994

Name of Person Signing

(3/08/2005 ECCOPER 00000028 10980192

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Form #122

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**PATENT REEL: 016331 FRAME: 0554** 

Total number of pages including cover sheet, attachments, and documents: 3

March 4, 2005 Date

100003379US01

JOINT (AFTER APPLICATION FILED)

## ASSIGNMENT

FOR VALUE RECEIVED, WE Yoshiyuki Imanaka, Nobuyuki Hirayama, Ichiro Saito, Muga Mochizuki, Takaaki Yamaguchi, Masao Kato and Toshiyasu Sakai

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

## PRINTHEAD DRIVING METHOD, PRINTHEAD SUBSTRATE, PRINTHEAD, HEAD CARTRIDGE, AND PRINTING APPARATUS

and described in an application for Letters Patent of the United States executed by us, and filed on November 4, 2004 as Application No. 10/980,192, 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 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 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 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.

Page 1 of 2

## 10003379US01

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 or other grants of protection of said inventions in any and all countries and regions.

Ву:	Yoshiyutu Janaka Aoshiyuki Imanaka	Date: November 22, 2004
Ву:	Nobeyuki Hirayama	Date: November 29, 2004
	Ichira Saito	Date: November 24, 2004
Ву:	Muga Mochizuki  Muga Mochizuki	Date: November 24, 2004
	Jakanki Janogushi Takaaki Yamagushi	Date: Nonember 22.200 4
	Masao Kato	Date: november 27, 2004
Ву:	Toshiyasu Sakai Toshiyasu Sakai	Date: November 24, 2007

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