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Atty. Docket No.: 6164-000014/US Page 1 of 1

To the Honorable Commission Please record the attached orig	ner of Patents and Trademarks: ginal documents or copy thereof.				
1. Name of conveying party(ies):  Katsuyuki TODA  Additional name(s) of conveying party(ies) attached?  YES NO  3. Nature of conveyance:  Assignment Merger Security Agreement  Change of Name Other:  Execution Date: March 16, 2006	2. Name and address of receiving party(ies)  Name: Ricoh Company, Limited  International Address:  3-6, Nakamagome, 1-chome, Ohta-ku,  Tokyo, 143-8555 JAPAN  Additional name(s) & address(es) attached? ☐ YES ☒ NO				
<ul> <li>4. Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application,</li> <li>A. Patent Application No(s).</li> <li>11/340,703</li> <li>Additional numbers att</li> <li>5. Name and address of party to whom correspondence</li> </ul>	B. Patent No.(s).  ached?  YES NO  6. Total No. of applications/patents involved: One (1)				
concerning document should be mailed:  Name: HARNESS, DICKEY & PIERCE, P.L.C.  Street Address: P.O. BOX 8910  City: RESTON State: VA ZIP: 20195  Country: USA	<ul> <li>7. Total fee (37 C.F.R. § 3.41): \$40.00</li> <li>Enclosed</li> <li>Authorized to be charged to deposit account, if no fee attached.</li> <li>8. Deposit account number: 08-0750</li> <li>(Attach triplicate copy of this page if paying by deposit account)</li> </ul>				
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of the original document.  Thomas S. Auchterlonie/37,275  Name of Person Signing/Reg. No.	information is true and correct and any attached copy is a true co  May 8, 2006  Signature Date  Description of the correct and any attached copy is a true co				

TSA/cm

**PATENT** REEL: 017594 FRAME: 0906 HDP

(d)

## ASSIGNMENT

Atty, Docket No.

invented		ÉAS, th	e undersigned, f	ereinafter	referred	to	collectively	, as	Assignor,	has
	Oldi		E PRINTING SYSTEM THOO THEREFOR, A				REFOR, PRIN	DNLTI	DEVICE,	
for which	ch Assi	gnor is :	about to make or I	nas made l	Jnited Sta	ates	or Interna	iliona	I applicatio	n for
	(a)		executed on ever this Assignment of Power of Attorney	on the same	aratory to e day as	o fil he.	Ing (each /she signs	Inver the	itor should Declaration	sign and
	(b)		executed on		; or					
	(c)	X	filed on <u>Jan.27, 2006</u> Application No		ed Serial	l No	0, <u>11/340,703</u>	or PO	CT Internat	ional

WHEREAS, RICOH COMPANY, LIMITED, hereinafter referred to as Assignee, is desirous of acquiring an Interest therein: 3-6, Nakamagome 1-chome, Ohta-ku, TOKYO 143-8555 JAPAN

U.S. Patent No. \_\_\_\_\_, Issued \_\_\_\_\_; and

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all Instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-ln-part, divisional, renewal or substitute thereof, and as to letters patent any relssue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the sald invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth:

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

The undersigned hereby grant(s) the law firm of Hamess, Dickey & Pierce, P.L.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

A	SSIGNMEN I
Katunguhi Joda Katsuyuki TODA	Jakayuki Lnove.  Witness Takayuki INOUE  Hurahi Ishihara  Witness  Hiposhi Ishihara
Katsuyuki TODA	Witness Takayuki IMOUE
March 16, 2006	Hurshi Ishihara
Dated	Witness
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[Inventor]	Witness
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