05-04-2006 DEPARTMENT OF COMMERCE Form **PTO-1595** (Rev. 03/05) States Patent and Trademark Office OMB No. 0651-0027 (exp. 6/30/2005) **RECO** 103230877 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) Name of conveying party(ies) Mitsuhiro HAMASHIMA April 4, 2006; Name: DAI NIPPON PRINTING CO., LTD. Jun YOSHIDA March 20, 2006; Naoji SHIBASAKI April 3, 2006; Internal Address: _ March 28, 2006; Yasuko DEUSHI Nobuho MORI April 3, 2006 Additional name(s) of conveying party(ies) attached?🗾 Yes 🛚 3. Nature of conveyance/Execution Date(s): Street Address: 1-1, Ichigaya Kagacho 1-Chome Execution Date(s) March 20, 2006 ✓ Assignment Merger City: Shinjuku-ku Security Agreement Change of Name Joint Research Agreement State: Tokyo Government Interest Assignment Zip: 162-8001 Country: JAPAN Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Li Yes 🗹 No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 10/573,334 Additional numbers attached? Yes V No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name: ROSSI, KIMMS & McDOWELL LLP 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40 Internal Address: Authorized to be charged by credit card Authorized to be charged to deposit account **Enclosed** Street Address: P.O. BOX 826 None required (government interest not affecting title) 8. Payment Information City: ASHBURN a. Credit Card Last 4 Numbers 2568 State: VA Zip:20146-0826 Expiration Date July 2006 Phone Number: 703-726-6020 b. Deposit Account Number ___ Fax Number: 703-726-6024 Authorized User Name Email Address: mail@RKMLegalGroup.com 9. Signature:

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Signature

Marc A. Rossi
Name of Person Signing

PATENT REEL: 017840 FRAME: 0148

Total number of pages including coverasheet, attachments, and documents:

*** ASSIGNMENT ***

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the	
undersigned, the receipt of which is hereby acknowledged, the undersigned agree(s)s to assign, and hereby does assign,	
ransfer and set over to:	

Name: DAI NIPPON PRINTING CO.,LTD

RECORDED: 05/02/2006

Title:

Address 1-1, Ichigaya Kagacho 1-Chome, Shinjuku-ku Tokyo162-8001 Japan

IMAGE OUTPUT APPARATUS AND IMAGE OUTPUT METHOD

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as:

and id	entified by the Assignee as 8809	and ATTORNEY DOCKE	T NUMBER URBA:003, for which
the un	dersigned has (have) executed and filed an	application for patent in the Ur	nited States of America on the date, and
now d	esignated as U.S. Patent Application Serial	No	<u>-</u> •
the As may b possib act wi Prope	uing or divisional applications thereof and a ssignee may deem necessary or expedient; se declared concerning this application or co ble in obtaining evidence and going forward which connection with cl	also to execute separate assignable (2) execute all papers necess ntinuation or division thereof a with such interference; (3) execute laims or provisions of the Inter	in connection with the application and any nments in connection with such applications as ary in connection with any interference which and to cooperate with the Assignee in every way cute all papers and documents and perform any national Convention of Protection of Industrial be necessary to obtain a grant of a valid United
Assig	United States resulting from said application nee, as Assignee of the entire interest, and st herein assigned, and that the undersigned.	ons or any division or divisions hereby covenants that the und	dersigned have full right to convey the entire
any fu in ord	The undersigned hereby grant(s) the firm urther identification, including but not limited ler to comply with the rules of the United Sta	to the ATTORNEY DOCKET N	VELL LLP the power to insert on this assignment NUMBER, which may be necessary or desirable fice recordation of this document.
	In witness whereof, executed by the und	ersigned on the date(s) oppos	ite the signature(s) of the undersigned:
	and the second s		
	Print Name	Date	Signature
(1)	Print Name Mitsuhiro Hamashima		Signature 共身 发完
(1)	Mitsuhiro Hamashima	4/4/2006 Month/Day/Year	英島 光宏
(2)	Mitsuhiro Hamashima Jun Yoshida	A/A/2006 Month/Day/Year 3/20/2006 Month/Day/Year	Signature 共島 芝宏 吉 面 淳 朱 琦 直 和
• ,	Mitsuhiro Hamashima	A/A/2006 Month/Day/Year 3/20/2 \igotimes 6 Month/Day/Year 4/3/2006 Month/Day/Year	英島 光宏 吉 D 浮
(2)	Mitsuhiro Hamashima Jun Yoshida Naoji Shibasaki	4/4/2006 Month/Day/Year 3/20/2006 Month/Day/Year 4/3/2006 Month/Day/Year 3/28/2006 Month/Day/Year 4/3/2006	英島 光宏 吉 D 浮
(2) (3) (4)	Mitsuhiro Hamashima Jun Yoshida Naoji Shibasaki Yasuko Deushi	A/A/2006 Month/Day/Year 3/20/2006 Month/Day/Year 4/3/2006 Month/Day/Year 4/3/2006 Month/Day/Year 4/3/2006 Month/Day/Year	英島 光宏 吉 D 浮
(2) (3) (4) (5) (6)	Mitsuhiro Hamashima Jun Yoshida Naoji Shibasaki Yasuko Deushi Nobuho Mori	A/A/2006 Month/Day/Year 3/20/2 \infty 6 Month/Day/Year 4/3/2006 Month/Day/Year 3/28/2606 Month/Day/Year 4/3/2006 Month/Day/Year Month/Day/Year Month/Day/Year	英島 光宏 吉面 淳 栄琦 直入 出中 構子 森 伸 穂い cif within the United States of America; a U.S.
(2) (3) (4) (5) (6)	Mitsuhiro Hamashima Jun Yoshida Naoji Shibasaki Yasuko Deushi Nobuho Mori This assignment should preferably be usul if outside the United States of America;	Month/Day/Year 3/20/2006 Month/Day/Year 4/3/206 Month/Day/Year 3/28/2606 Month/Day/Year 4/3/2006 Month/Day/Year 4/3/2006 Month/Day/Year signed before: a Notary Public or before at least two witness	本島 北京 まず 直入 出中 靖子 森 伸 穂い cif within the United States of America; a U.S. es. Witnessed by:
(2) (3) (4) (5) (6)	Mitsuhiro Hamashima Jun Yoshida Naoji Shibasaki Yasuko Deushi Nobuho Mori This assignment should preferably be usul if outside the United States of America;	Month/Day/Year 3/20/2006 Month/Day/Year 4/3/206 Month/Day/Year 3/28/2606 Month/Day/Year 4/3/2006 Month/Day/Year 4/3/2006 Month/Day/Year signed before: a Notary Public or before at least two witness	英島 芝宏 芸

PATENT REEL: 017840 FRAME: 0149