4. D. J. (N. 22220011G2	04-25-2003	
Att y Docket No.: 233290US3 FOR 1PTO-1595 1-31 12 PATENTS ('ARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks. Please	102430672	Lopy thereof.
1. Name of conveying party(ies): Minoru IMAHARA APR 2 2 2003 Additional name(s) of conveying party(ies) attached Yes No	2. Name and address of receiving party Name: RICOH COMPANY, LIMIT Address: 3-6, Nakamagome 1-chome, Ohta-ku, TOKYO 143-8555	ED.
3. Nature of Conveyance: Assignment		
Execution Date: March 20, 2003	Additional name(s) and address(es) atta	.ched? □Yes ■No
4. A pplication number(s) or patent number(s): If the s document is being filed together with a new application, the ex-	1	
A. I atent Application No.(s)	B. Patent No.(s)	
11/358,339	_	
Additional numbers attach	ed? 🗌 Yes 📕 No	
5. Nume and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involv	red: 1
22850	7. Total fee (37 CFR 3.41): \$40.00 Enclosed Authorized to be charged to 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by	
DO NOT USE THE	HIS SPACE	
9. Statement and signature		
To the best of my knowledge and belief, the foregoing information copy of the original document. C. Irvin McClelland Name of Person Signing Sign	Sachw 4/2	oy is a true 2 /0 3 Date
Regi tration Number: 21,124 Registration No. Total number of pages including	o. 43,418	
Do not detach the Mail locuments to be recorded with required cover sheet information Commissioner of Patent Box Assigns	n to: s and Trademarks	
	ments	

04-25-2003

PATENT REEL: 013984 FRAME: 0726

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE)	Minoru IMAHARA of				
EICL JAMES DREJIDENCE		c/o RICOH UNITECHNO	CO., LTI	D.		
DRESTOF INVENTORS:		713 Ooaza Tsurugasone, Y	ashio-shi	, SAITAMA 340-080	2 JAPAN	
			····			
				annessa e companya e c		
The state of					, respec	tively,
ERT TILE INV ATION:	have invented certain n	ew and useful improvements	in: <u>DEV</u>	ICE FOR DETECTIN	G WIDTH OF SHEET-LIK	E
	MEDIUM, AND IMA	GE FORMATION APPARA	TUS			
ERT DATE IN- NTO-S SIGNED CLAE ATION	for which an applicatio	n for Letters Patent was execu	uted on .	Mar. 20, 2003		·
	(Application No. 10	/358,339	, filed	Feb. 5, 2003		_), and
ERT JAME DAL DRESS OF MPA TY OR JER ASSIGNITE	WHEREAS, RIO	COH COMPANY, LIMITED				
	(hereinafter referred to	as "ASSIGNEE") having a pl	lace of bu	siness at:		
	3-6, Nakamagome 1-c	home, Ohta-ku, TOKYO 143	-8555 JA	PAN		

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Mar. 20, 2003	Minoru Imahara
	(Signature of Inventor) Minoru IMAHARA
Date:	(Signature of Inventor)
Date:	
Date:	(Signature of Inventor)
	(Signature of Inventor)
Date:	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW

FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

10/01

RECORDED: 04/22/2003

PATENT REEL: 013984 FRAME: 0728