U.S. DEPARTMENT OF COMMERCE



REC 102618621

**PATENTS ONLY** 

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1.	Name of conveying party(ies): Se-hyun LYU Jin-soo LEE						
2.	Name and Address of receiving party(ies):						
	SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu Suwon-si, Gyeonggi-do Republic of Korea						
3.	Nature of conveyance:  X Assignment Merger  Security Agreement Change of Name Other: Other:						
	Execution Date(s): November 10, 2003						
4.	Application number(s) or patent number(s):  ☐ This document is being filed together with a new application:  (a) The execution date(s) of the application is/are: November 10, 2003  (b) The title is: PICKUP ERROR-SENSING APPARATUS OF IMAGE FORMING APPARATUS AND METHOD THEREFOR  OR						
	This document is being filed after filing of the application:  (a) Patent Application No(s)/, filed; or  (b) Patent No(s), issued;						
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1349.1296  Attention: Michael D. Stein 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005						
6.	Total number of applications and patents involved:1						
7.	Total fee (37 CFR 3.41) (\$ 40.00 per Assignment)  X Enclosed Authorized to be charged to deposit account.						
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)						
9.	Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.						
	ael D. Stein, Reg. No. 37,240 e of Person Signing  December 2, 2003 Date						
003 RHA	Total number of pages including cover sheet: 2						
150	40.00 DP						

**PATENT** 

**REEL: 014761 FRAME: 0772** 

## **U.S. ASSIGNMENT**

8&H 1/10

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Paldal-gu Suwon City, Gyunggi-do Republic of Korea

(hereinatter, "ASSIGNEE"), the I transfers to ASSIGNEE the enti ( ) lite of invention)	aceipt of which is he and exclusive righ	raby acknowledged i, title and interest to	t, the undersign the invention (	ied ASSIGNOR h Bnütled	ereby sells, assign:	s and
PICKUP ERRO METHOD THE		PPARATUS C	F IMAGE F	FORMING AI	PPARATUS A	ND
relating to International Patent A States was executed on even da	oplication PCT/JP_ to herewith or, if not	so executed, was:	d/or for which a	pplication for Let	ters Patent of the U	nited
(a) executed on ;		(Insert date	e of execution o	of application, if no	ot concurrent)	
(b) filed on . Serial No. ;		Avenue, N	.W., Suite 700 l	Weshington, D.C.	EY LLP, 1201 New 1 20005 (202/434-1 cified data, when ki	500)
and to said application and all L renewal, substitute, reissue or re may be granted and including ar	examination applica	tion based thereon,	for the full term	or terms for which	ch the sald Letters	on, Patent(s
The ASSIGNOR agree ASSIGNEE, to do all acts which enforcing protection for said inve- Lottlers Patent(s), in any interfere which may erise or be declared assignments and declarations, to	the ASSIGNEE may intion, including in the ince, relasue, reexar in relation to same, a	deem necessary, de preparation and particular and particular and particular acts to include	lesirable or experosecution of a prosecution of a use proceeding, but not be limite	edient, for securion aid application(s) and in any litigati ed to executing ai	ng, maintaining and and the issuance of on or other legal po I papers, including	of said roceedin
IN WITNESS WHEREOF, the (Typed Name & Signature o	undersigned Invent Inventor(s))	or(s) has (have) aff (Date)			Signature of Witnes	<b>s</b> s(0s))
Se-hyun LYU  Se-hyun LYU  Se-hyun LYU	MYUN SIN SUU	Nov. 10.	2003	Eun-ji	LEE TO	
Jin-soo LEE				Eun-ji	LEE	
4)						
5)		-				
5)						

**PATENT REEL: 014761 FRAME: 0773** 

**RECORDED: 12/02/2003**