	OTP E W.		
p4[	FORM PTO-1595 APR 2 8 200 REC  O1-30-2001  U.S. DEPARTMENT OF COMMERCE  To the Honorable Community of Patents and  102734181  JI documents or copy thereof.		
` 1.			
	Chun-ku HAN		
2.	Name and Address of receiving party:  APR 2 6 2004		
	SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-Dong, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of, Korea		
3.	Nature of conveyance:  X Assignment		
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:  (b) The title is:  OR		
	<ul> <li>∑ This document is being filed after filing of the application:</li> <li>(a) Patent Application No(s). 10/727,050, filed December 4, 2003; or</li> <li>(b) Patent No(s). , issued .</li> </ul>		
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1293.1997  Attention: Gene M. Garner, II 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005		
6.	6. Total number of applications and patents involved:1		
7.	7. Total fee (37 CFR 3.41) (\$ 40.00 per Patent or Application in Assignment)  ☐ Enclosed ☐ Authorized to be charged to deposit account.		
8.	<ol> <li>Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)</li> <li>(Attach duplicate copy of this page if paying by deposit account)</li> </ol>		
	ene M. Garner, II, Reg. No. 34,172 ame of Person Signing  Signature  Total number of pages including cover sheet: 2		
	DO NOT USE THIS SPACE		
	DATENIT		

PATENT REEL: 015267 FRAME: 0634

## **U.S. ASSIGNMENT**

SEH LOO

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

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

SAMSUNG ELECTRONICS CO., LTD.

416 Maetan-dong, Paldal-gu, Suwor Kyungki-do, Republic of Korea	n-city,	
(hereinafter, "ASSIGNEE"), the receipt of which is transfers to ASSIGNEE the entire and exclusive ri (Title of Invention)	hereby acknowledged, the under ght, little and interest to the invent	rsigned ASSIGNOR hereby soils, assigns and tion entitled
APPARATUS AND METHOD FOR IDENTIFYI	ng paper casseltes	
relating to International Patent Application PCT/JP was executed on even date herewith or, if not so o		ch application for Letters Patent of the United State
(a) executed on ±;	(insert date of execut	ion of application, if not concurrent)
(b) filed on 4 December 2003 Serial No. 10/727,050	Avonue, N.W., Suite 7	by of STAAS & HALSEY LP, 1201 New York 100 Washington, D.C. 20005 (202/494-1500) is Insert in (b) the specified data, when known.
and to said application and all Letters Patent(s) of substitute, reissue or reexamination application be granted and including any extensions thereof (coll	ised thereon, for the full term or t	erms for which the said Letters Fatent(s) may be
The ASSIGNOR agree(s), when request to do all acts which the ASSIGNEE may deem ned said invention, including in the preparation and printerference, reissue, reexamination, or public use declared in relation to same, such acts to include declarations, taking all rightful caths, providing swith WITNESS WHEREOF, the undersigned inventor(s))	essary, desirable or expedient, for osecution of said application(s) at a proceeding, and in any litigation but not be limited to executing all om testimony, and obtaining and	nd the issuance of said Letters Patent(s), in any or other legal proceeding which may arise or be papers, including separate assignments and producing evidence.
		( Library Literation of The Control
1) HAU CHUN KU Chun-ku Han		
2)		
3)		
4)		
5)		,
6)	-	
7)		

**PATENT REEL: 015267 FRAME: 0635** 

**RECORDED: 04/26/2004**