08-18-2003								
FORM	PTO-1595	REC				U.S.	DEPARTMENT OF COMMER	RCE
2001 St	taas & Halsey	LLP	102	52634	8			
		Commissioner of Pater	nts and Trademarks	: Please reco	ord the attached o	riginal docun	nents or copy thereof.	
1.	Name o	f conveying party(eun LEE, In-sik P	ies):	m CHUNG	G, Du-seop YC			
2.	Name a	nd Address of rec	eiving party(ies)): {	2.503			2
	416 Mae Suwon-e	NG ELECTRONIC etan-dong, Paldal city, Kyungki-do c of Korea	•					16 U.S. PJ 0/633564
3.	<u>x</u>	of conveyance: Assignment Security Agreeme Other:			erger ange of Name)		039
	Execution	on Date(s): <u>Augu</u>	ıst 5, 2003				_	
4.	This (a)	ion number(s) or p document is bein The execution dat The title is: OPTIC OR	g filed together e(s) of the appl	with a new ication is/a	re: August 5,	2003	3564	
	(a)	document is bein Patent Application Patent No(s).	g filed after filing No(s)/ , issued	g of the ap , filed	plication:	; or		
5.	STAAS Attention 1201 Ne	nd address of part & HALSEY LLP n: <u>Michael D. Stei</u> w York Ave., N.W gton, D.C. 20005	<u>n</u>		e concerning r Docket: <u>129</u>		should be mailed:	
6.	Total nu	mber of applicatio	ns 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.	To the b	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.						
Michael D. Stein, Reg. No. 37,240 Name of Person Signing August 5, 2003 Date								

08/06/2003 HTFCKI III 00000026 10633564
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Total number of pages including cover sheet: 2

40.00 pp

PATENT REEL: 014379 FRAME: 0134 IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventorial (hereinafter, "ASSIGNOR") by (Insert Name(s) & Addicas(cs) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD 416 Mactau-dong, Paldal gu, Suwon-city Kyungki-do, Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby selected, the underzigned ASSIGNOR hereby sells, assigns and mansfers to ASSIGNOE the entire and exclusive right, title and interest to the invandom entitled (Title of Inventor)

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RECORDED: 08/05/2003

relating to the mental patent Application PCT/IP	OPTICAL MACHINATION STORAG	e umtrou				
Any registered atterney of STAAS & HALNEY LLF, 700 Bioventh Strong, N.W. Washington, D.C. 10001 (202434-1500) is hereby authorized to insert in (i) the specified data, when known. and in said application and all Letters Patent(s) of the United Staten granted on said application and any continuation, division, renewal, substitute reviews or recommendation application based thereon, for the full term is terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hardinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge in but at the expense of said ASSIGNEE, in the all acts which the ASSIGNER may deem necessary, desirable of expeditivit, for securing, resintabiling and embrring protection for said invention, including in the preparation and prosecution of said application(s) and the Issuance of said Letters Patent(s), it any interference, reliasue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in reliation to same, such acts to include but not be limited to unaculing all papers, including separate assignments and declarations, taking all rightful cultur, providing excorp settinony, and obtaining and producing evidence. IN WITNESS WILLREOF, the undersigned inventor(s) has theyough a fixed his/her/their signature(s). (Typed Name & Signature of Princes(es)) A August 2003 The Jak Park			icution for Legiona Patons of the United States was			
Serial No	(a) executed on 4 August 2003	(Inner t date of excession	(Innex t date of execution of application, if not concurrent)			
and in said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute release or recommendation application based thereon, for the full term or letters Patent(s) in any be granted and including any extensions thereof (collectively, hereinafter, "snid application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge in but at the expense of said ASSIGNEE, to do all acts which the ASSIGNER may deam necessary, destrable of expediture, for securing, maintaining and embraining protection for said invention, including in the properation and prosecution of said application(s) and the issuance of said Letters Patent(s), it any interference, release which the ASSIGNER may deam necessary, destrable of expediture, for securing, maintaining and embraining protection for said invention, including in the properation and protection of said application(s) and the issuance of said Letters Patent(s) is any interference, release. The public was proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful outles, providing severe settlement, and obtaining and producing evidence. IN WITNESS WITEREOF, the undersigned inventor(s) has thereof had his/her/their signature(s). (Typed Name & Signature of Inventor(s)) 4 August 2003 The Gills Paris		N.W., Washington, D.C.	10001 (200/434-1500) is hereby authorized to			
release or recommended application based thereon, for the full term or terms for which the solid Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "solid application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge in but at the expense of said ASSIGNEE, to do all acts which the ASSIGNER may dearn necessary, destrable or expedient, for securing, maintaining and enforcing protection for said invention, including in the proparation and protection of said application(s) and the Issuance of said Lettern Patent(s), in any interference, reliable. The recommendation and protection of said application(s) and the Issuance of said Lettern Patent(s), in any interference, reliable. The recommendation and protection of said application(s) and the Issuance of said Lettern Patent(s), in any interference, reliable. The patent of said inventors of inventors of inventors of including appears, including appears and declarations, taking all rightful caulus, providing aware testimony, and obtaining and producing evidence. IN WITNESS WITEREOF, the undersigned inventor(s) has there in patent and declarations of inventor(s). (Typed Name & Signature of Inventor(s)) A August 2003 The file lake 4 August 2003	Serial No.	insert in (v) the specified	i usta, when shown.			
In-sik Park 4 August 2003	release or reexamination application based thereon, for the survey extensions thereof (collectively, hardination, "said application the ASSIGNOR agree(s), when requested by said ASSIGNOR agree(s), when requested by said ASSIGNOR may dearn necessary, destrable or including in the preparation and prosecution of said application in the preparation and prosecution of said application include but not be limited to executing all papers, it includes but not be limited to executing all papers, it is included but not be limited to executing and producing evidence. IN WITNESS WITTEREOF, the undersigned inventor(s)	ns full term us learns for which the a plication(s) and Letters Patent(s)"). SIGNER and without charge to but expeditual, for securing, maintainin leation(s) and the issuance of said I ation or other legal proceeding which including separate academents and soluting separate academents and shall that there's a bas that there's and has there's a bas that the bas t	aid Letters Patent(s) may be granted and including at the expense of said ASSIGNEE, to do all acts g and embraing protection for said invention, entern Patent(s), is any interference, raissue, all may arise or be declared in relation to same, such declarations, taking all rightful outles, providing ignature(s).			
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	2) Ohn Gik-Park	4 August 2003				
	3) Chave chang on Chung	4 August 2003	-			
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