	FORM PTO-1595	01 -05 - 2006	U.S. DEPARTMENT OF COMMERCE
	PUNM PIU-1595		
	To the Director of the U.S. Patent and	103151388	ginal documents or copy thereof.
1.	Name of conveying party(ies):		۲.0 =
	Seok-jung KIM		3.0 = 2.0 =
*	Hyung-hoon KANG		15.
	Jung-gug PAE Young-man AHN		28 3 3 3 3 3 3 3 3 3 3
_	Soo-han PARK		113
2.	Name and Address of receiving par	rty(ies)	
	SAMSUNG ELECTRONICS CO., L' 416, Maetan-dong, Yeongtong-gu Suwon-si, Gyeonggi-do Republic of Korea	TD.	
3 .	Nature of conveyance:		
	X Assignment	Merger	
	Security Agreement Other:	Change of Name	
	Execution Date(s): December 22,	2005	
4.		gether with a new application e application is/are: Decemb UP ACTUATOR AND OPTION	er 23, 2005
	This document is being filed aft (a) Patent Application No(s). Us (b) Patent No(s)., issued.	er filing of the application: nassigned, filed <u>December 2</u>	3, <u>2005</u> ; or
5.	Name and address of party to whor STEIN, MCEWEN & BUI, LLP Attention: <u>Michael D. Stein</u> 1400 Eye St., N.W., Suite 300 Washington, D.C. 20005		g document should be mailed: Docket: <u>0005.1015</u>
6.	Total number of applications and pa	atents involved:1	
7.	Total fee (37 CFR 3.41) ⊠ Enclosed ☐ Authorized to be charged to	(\$ 40.00 per Patent or App Deposit Account No. 50333	
8.	Deposit Account No. 50-3333: (Any Account) (Attach duplicate copy of	underpayment is authorized this page if paying by deposit	to be charged to this Deposit account)
	ael D. Stein , Reg. No. 37,240 e of Person Signing	Mula Other Signature	December 23, 2005 Date
		Total number of	of pages including cover sheet: 28 2002/83/3
	Ď	O NOT USE THIS SPACE	pages including cover sheet: 2
			7306.74
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PATENT REEL: 017409 FRAME: 0109

U.S. ASSIGNMENT

SMB 12/04

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, Yeongtong-gu Suwon-si, Gyeonggi-do Republic of Korea

RECORDED: 12/23/2005

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

OPTICAL PICKUP ACTUATOR AND OPTICAL RECORDING AND/OR REPRODUCING APPARATUS

ating to International Patent Application PCT/JP is executed on even date herewith or, if not so		application for Letters Patent of the United Sta
a) executed on .	(Insert date of execution	on of application, if not concurrent)
b) filed on .	St., N.W., Suite 300, W	y of STEIN, MCEWEN & BUI, LLP, 1400 Eye /ashington, D.C. 20005 (202/216-9505) is
Serial No. Unassigned;	hereby authorized to in	sert in (b) the specified data, when known.
The ASSIGNOR agree(s), when reques do all acts which the ASSIGNEE may deem nee		t charge to but at the expense of said ASSIGN securing, maintaining and enforcing protection
id invention, including in the preparation and perference, reissue, reexamination, or public us clared in relation to same, such acts to includiclarations, taking all rightful paths, providing sy IN WITNESS WHEREOF, the undersigned inverted Name & Signature of Inventor(s))	prosecution of said application(s) a se proceeding, and in any litigation de but not be limited to executing worn testimony, and obtaining and p	and the issuance of said Letters Palent(s), in or other legal proceeding which may arise or all papers, including separate assignments producing evidence.
erference, reissue, reexamination, or public us clared in relation to same, such acts to include clarations, taking all rightful oaths, providing so IN WITNESS WHEREOF, the undersigned in (Typed Name & Signature of Inventor(s)) Seakjung KIM	prosecution of said application(s) a se proceeding, and in any litigation de but not be limited to executing worn testimony, and obtaining and p ventor(s) has (have) affixed his/her.	and the issuance of said Letters Palent(s), in or other legal proceeding which may arise or all papers, including separate assignments producing evidence. (their signature(s), (Typed Name & Signature of Witness(es))
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PATENT REEL: 017409 FRAME: 0110