FORM	Patent and Tradema		DEPARTMENT OF COMMERCE
2001	Staas & Halsey LLP 5.2. 04 PATENTS		
<u>To the</u> 1.	e Honorable Commissioner of Patents and Trademarks: Plea Name of conveying party(ies):	ase record the attached original of	documents or copy thereof.
1.	Sang-whook KIM		
2.	Name and Address of receiving party(ies):		0
Ζ.			05
	SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-Dong, Yeongtong-gu,		a co A co
	Suwon-si, Gyeonggi-do		345
	Republic of Korea		0/8
<u>~</u>			5 1
3.	Nature of conveyance: X Assignment	Merger	
	Security Agreement	Change of Name	
	Other:		
	Execution Date(s): <u>May 18, 2004</u>		
4.	Application number(s) or patent number(s):	1/	1849905
	This document is being filed together with		1041102
	(a) The execution date(s) of the application	on is/are: <u>May 18, 2004</u>	
	(b) The title is:APPARATUS AND METHO OR	JU FOR DETECTING TIL	
	This document is being filed after filing of t	the application:	
	(a) Patent Application No(s),	, filed	_; or
	(b) Patent No(s). , issued	•	
5.	Name and address of party to whom correspo		
	STAAS & HALSEY LLP	Our Docket: <u>1793.128</u>	<u>31</u>
	Attention: <u>Michael D. Stein</u> 1201 New York Ave., N.W., Suite 700		
	Washington, D.C. 20005		
6.	Total number of applications and patents invol	lved: 1	
0.	Total number of applications and patents invol		
7.	Total fee (37 CFR 3.41) (\$ 40.00	per Assignment)	
	X Enclosed Authorized to be charged to deposit a	ccount	
8.	Deposit Account No.: 19-3935 (Any underpa (Attach duplicate copy of this page if paying by	ayment is authorized to be	charged to this Deposit Account)
		, aspect seees ity	
9.	Statement and signature. To the best of my knowledge and belief, the fo	pregoing information is true	e and correct and any attached
	copy is a true copy of the original document.	regoing information is true	e and correct and any attached
		1/2 1-	
	<i>i</i>	All III ANT	
Micha	ael D. Stein, Reg. No. 37,240	WWWW W AW	May 21, 2004
		gnature	Date
			r of pages including cover sheet: <u>2</u>

PATENT REEL: 015379 FRAME: 0881

U.S. ASSIGNMENT

\$8.FI 1/00

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(os) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD. 416. Maetan-Dong, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea

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

APPARATUS AND METHOD FOR DETECTING TILT OF DISC

rolating to International Patent Application PCT/JP______and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) exocuted on : 18 May 2004

(Insert date of execution of application, if not concurrent)

(b) filed on .

- .

Serial No. ;

Any registered attorney of STAAS & HALSEY LLP, 1201 Now York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is horoby authorized to insert in (b) tho specified data, when known.

and to said application and all Letters Patont(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, horeinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may doom nocessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use 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 doctarations, taking all rightful oaths, providing swom testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

			(I yped ivaime & Signaturo of vviuness(es))
1)	Sang Whook, Kim Sang-whook RIM	18 May 2004	•
4)		<u></u>	
5)			
6)			
7}			