FORM	PTO-1595 R U.S. DEPARTMENT OF COMMERCE	
2001	10.2571975	PTO
	Etaas & Halsey LLP e Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.  Name of conveying party(ies): Ki-keon YEOM Sang-jin CHOI Sang-chul KO Soo-hyung KIM Tae-hoe HA	03970 U.S. PTO
2.	Name and Address of receiving party(ies): SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Paldal-gu Suwon City, Kyungki-do Republic of Korea	
3.	Nature of conveyance:  X	
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: September 22, 2003  (b) The title is: DISC CENTERING DEVICE  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: 1572.1147  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)	nt)
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.	•
	e of Person Signing    Math   Math	
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**PATENT** 

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## **U.S. ASSIGNMENT**

S&H 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(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Paldal-gu	
Suwon city, Kyungki-do Republic of Korea	
(handa Garage Maccolonicia) abanda afalishi handa ala	and dead the undersioned ACCIONOD benefits calle aggings and transfers to
ASSIGNEE the entire and exclusive right, title and interest to the ( <i>Title of Invention</i> )	owledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to e invention entitled
DISC CENTERING DEVICE	
relating to International Patent Application PCT/JP/ executed on even date herewith or, if not so executed, was:	and/or for which application for Letters Patent of the United States was
(a) executed on;	(Insert date of execution of application, if not concurrent)
(b) filed on,	Any registered attorney of STAAS & HALSEY LLP, 700 Eleventh Street,
Serial No;	N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.
	es granted on said application and any continuation, division, renewal, substitute, erm or terms for which the said Letters Patent(s) may be granted and including on(s) and Letters Patent(s)").
which the ASSIGNEE may deem necessary, desirable or expediencluding in the preparation and prosecution of said application (reexamination, or public use proceeding, and in any litigation or	EE and without charge to but at the expense of said ASSIGNEE, to do all acts ent, for securing, maintaining and enforcing protection for said invention, s) and the issuance of said Letters Patent(s), in any interference, reissue, other legal proceeding which may arise or be declared in relation to same, such ing separate assignments and declarations, taking all rightful oaths, providing
IN WITNESS WHEREOF, the undersigned inventor(s) has (to (Typed Name & Signature of Inventor(s))	have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es))
1) Ki-keon YEOM SEP	.22,2003
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3) 🗸	SEP.22,2003	
Sang-chul KO		
4) Shybo.	SEP.22,2003	·
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