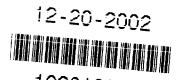
RECC



U.S. DEPARTMENT OF COMMERCE

2001 Staas & Halsey LLP 1023 18240
To the Honorable Commissioner of Patents and Trademarks: Please reco original documents or copy thereof.

1.	Name of conveying party(ies): Young-wan CHO and Young-sun CHUN
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: December 9, 2002 (b) The title is: METHOD AND APPARATUS FOR CONTROLLING THE ROTATION POSITION OF AN OBJECT OR
	This document is being filed after filing of the application: 032518 (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: 1293.1551 Attention: Michael D. Stein 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001
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)
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PATENT REEL: 013585 FRAME: 0028

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 Rep. Of Korea (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) METHOD AND APPARATUS FOR CONTROLLING THE ROTATION POSITION OF AN OBJECT relating 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) executed on 9 December 2002 (Insert date of execution of application, if not concurrent) Any registered attorney of STAAS & HALSEY ILP, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known. and to said application and all Letters Patent(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, hereinafter, "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 deem necessary, 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 declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). (Typed Name & Signature of Inventor(s)) (Typed Name & Signature of Witness(es)) 9 December 2002 9 December 2002

> **PATENT** REEL: 013585 FRAME: 0029