Form PTO-1595



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To the Director - U.S. Patent and Trademark Offi	ce. Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)? SAMSUNG ELECTRONICS CO., LTD.	
Yun-Soo SHIN, Jin-Hwi KIM	416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea	
Additional name(s) of conveying part (125) attached?	Korea	
□ yes ☑ no 5-23-0		
3. Nature of Conveyance:		
☑ Assignment ☐ Merger		
☐ Security Agreement ☐ Change of Names		
Other	Additional name(s) & address(es) attached?	
Execution Date: May 9, 2001	☐ yes ☑ no	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new applicat	tion, the execution date of the application is:	
 A. Patent Application No.(s)/Confirmation No.(s) 09/206,168 /Not yet Assigned 	B. Patent No.(s)	
Additional numbers attached?		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and registration involved: 1	
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC	7. Total Fee (37 CFR 3.41): \$40.00	
2100 Pennsylvania Avenue, N.W. Suite 800	☑ Enclosed. Please charge any underpayment in	
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David A K O.	400	
David A. Klein Reg. N	May 23, 2001 Date	
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Mail documents to be recorded with required cover sheet information to: Director – U.S. Patent and Trademark Office		
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Assignment

Whereas, We, Yun-Soo SHIN of 2-405, Samsung APT., Kwonson-dong, Kwonson-ku, Suwon-city, Kyungkido, Republic of Korea, and Jin-Hwi KIM of 416, Maetan 3-dong, Paldulku, Suwon-city, Kyungkido, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in POWER CONTROL METHOD FOR SET TOP BOX and executed an application for Letters Patent of the United States of America therefor in Application number 09/206,168, on November 2, 1998; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republe of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

Date:	May 9, 2001 Yunson Shir s/Yun-Soo SHIN	
Date:	May 9, 2001 Tim Hui Kim s/Jin-Hwi KIM	
	s/Jin-Hwi KIM	
Date:		
	s/	
Date:		
	s/	77.7
Date:		
	s/	
Date:		
	s/	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261) 8/92

PATENT RECORDED: 05/23/2001 REEL: 011827 FRAME: 0596