| - | 03-08-1999 | |
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| FORM 1-31-9 S&H 9 | | U.S. DEPARTMENT OF COMMERC Patent and Trademark Office |
| | e Honorable Commissioner of Patents and 100980824 | ents or copy thereof. |
| 1. | Name of conveying party(ies): | |
| | Sung-Doug KIM | |
| 2. | Name and address of receiving party(ies): | |
| | Samsung Electronics Co., Ltd. 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do Republic of Korea | 100% C |
| 3. | Nature of conveyance: | |
| | X Assignment Merger Security Agreement Change of Name Other: | |
| | Execution Date(s): February 10, 1999 | |
| 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: <u>February 10, 1999</u> (b) The title is: <u>METHOD OF CONTROLLING RESERVATION PROGRAM I</u> <u>THE SETTOP BOX</u> *** OR *** | BY USING SETTOP BOX ANI |
| | This document is being filed after filing of the application: (a) Patent Application No(s), filed; or (b) Patent No(s), issued | 53059 |
| 5. | Name and address of party to whom correspondence concerning document sl STAAS & HALSEY Our Docket: 1317.106 Attention: Michael D. Stein 700 Eleventh Street, N.W., Ste. 500 Washington, D.C. 20001 | |
| 6. | Total number of applications and patents involved: <u>1</u> | |
| 7. | Total fee (37 CFR 3.41) \$ 40.00 <u>X</u> 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) | |
| 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. | |
| | Michael D. Stein, Reg. No. 37,240 Name of Person Signing Signature | |
| /1999 V | Total number of pages including cover sheet, atta | chments and document: <u>2</u> |
| : 581 | 40.00 UP | |
| | | |

PATENT REEL: 9793 FRAME: 0377

U.S. ASSIGNMENT

364 11/86

IN CONSIDERATION of the sum of One Doller (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinstter, "ASSIGNOR") by

(Insert Neme(s) & Address(es) of ASSIGNEE(S))

Samsung Electronics Co., Ltd. 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do Republic of Korea

(hereinafter, "ASSIGNEE"), the raceipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby.calls, assigns and transfers to ASSIGNEE the entire and exclusive right, this and interest to the invention entitled

(Title of Invention)

METHOD OF CONTROLLING RESERVATION PROGRAM BY USING SETTOP BOX AND THE SETTOP BOX

____ and/or for which application for Letters Patent of the United relating to International Patent Application PCT/_____ 1 States was executed on even date herewith or, if not so executed, was:

(a) executed on

_; Insert data of execution of epplication, if not concurrent)

(b) filed on _____ Serial No. ____

Any registered attorney of STAAS & HALSEY, 700 Eleventh Street, N.W., Weshington, D.C. 20001 (202/434-1500) is hereby euthorized to insert in (b) the specified data, when known.

and to said application and all Latters Patent(s) of the United States granted on said application and any continuation, division, renews), substitute, reissue or reexamination application based thereon, for the full term or terms for which the eaid Letters Patant(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Latters 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, dedirable or expedient, for securing, maintaining end 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, reexemination, or public use proceeding, and in any litigation or other legal proceeding which may arise or bo declared in relation to same, such acts to include but not be limited to executing all papers, including separate eseignments and declarations, taking all rightful eaths, providing awom 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)) | (Dete) | (Typed Name & Signature of Witness(es)) |
|---|---------------|---|
| 1) KIM SUNG DOUG Sung-Daug KIM | FEB. 10. 1999 | Young-As PARK |
| 2) | | , |
| 3) | | |
| 4} | | |
| 5) | | 1 |

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PATENT REEL: 9793 FRAME: 0378

RECORDED: 02/19/1999