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| | To the Director of the U.S. Patent and Tradema | | |
| 1. | . Name of conveying party(ies): | Ξ' | |
| 2. | Dong-ryeol PARK Seung-Nyung CHUNG Young-jin HONG | | |
| 2. | Name and Address of receiving party(ies): | | |
| | SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea | | |
| 3. | • | | |
| | X Assignment Merger Security Agreement Change of Name Other: | | |
| | Execution Date(s): June 27, 2006 | | |
| 4. | | | |
| | 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: 1907.1027 Attention: Stephen T. Boughner 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 Patent or Application in Assignment) Enclosed | | |
| 8. | Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to the Account) (Attach duplicate copy of this page if paying by deposit account) | nis Deposit | |
| Stor | Stephen T. Boughner, Reg. No. 45,317 | 6 | |
| | lame of Person Signing Signature Date | for about 2 | |
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PATENT

REEL: 018093 FRAME: 0848

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, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic 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 a (Title of Invention) | and interest to the invention entitled | | | | |
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| DATA INPUT APPARATUS, MEDIUM, AND METHO | DD DETECTING SELECTIVE DATA INPUT | | | | |
| relating to International Patent Application PCT/JP | and/or for which application for Letters Patent of the United States was: | | | | |
| (a) executed on; June 27, 2006 | (Insert date of execution of application, if not concurrent) | | | | |
| (b) filed on . Serial No. ; | Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (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 swom 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)) (Date) (Typed Name & Signature of Witness(es)) | | | | | |
| | ne 27, 2006 | | | | |
| Dong-ryeol FARK 2) Seung-Nyung CHUNG | ne 27, 2006 | | | | |
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| 4) | | | | | |
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| 6) | | | | | |

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