| | | 06-04-2007 | |
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| | , 1 | | ET U.S. DEPARTMENT OF COMME |
| To t | he Director of the U.S. Patent | 103412772 | ed original documents or copy thereof. |
| 1. | Name of conveying party: Kil-soo JUNG | | |
| E 24032 | Name and Address of receiving SAMSUNG ELECTRONICS (| | |
| 2007 | 416, Maetan-dong, Yeongton Suwon-si, Gyeonggi-do Republic of Korea | g-gu, | |
| AXION CO | • | | |
| 3. | Nature of conveyance: X Assignment Security Agreement | Merger Change of N | Name |
| | Other: Other: Execution Date(s): May 28, 2 | 2007 | |
| 4. | (a) The execution date(s | led together with a new application of the application is/are: | on: RODUCING DISCONTINUOUS AV |
| | | led after filing of the application: o(s). <u>11/754,566</u> , filed <u>May 29, 20</u> ed . | |
| 5. | Name and address of party to STEIN, MCEWEN & BUI, LLF Attention: <u>Michael D. Stein</u> 1400 Eye St., N.W., Suite 300 Washington, D.C. 20005 | Our Our | ning document should be mailed: Docket: <u>0001.1344</u> |
| 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 ☐ Authorized to be charged to Deposit Account No. 503333. | | |
| 8. | Deposit Account No. 503333: (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account) | | |
| | | Milliona | 0/10 |
| | el D. Stein, Reg. No. 37,240 of Person Signing | Signature | 10/10b S/30/06 |
| Name | or rerson orgining | J | ⊅ale |
| | | Total numb | ber of pages including cover sheet: 2 |

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Our Reference: 0001,1344

U.S. ASSIGNMENT

SMB 12/04

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(e) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea

| Hebhblid of Kolea | |
|--|--|
| (hereinafter, "ASSIGNEE"), the receipt of which is hereb transfers to ASSIGNEE the entire and exclusive right, titl (Title of Invention) | y acknowledged, the undersigned ASSIGNOR hereby sells, assigns and le and interest to the invention entitled |
| METHOD AND APPARATUS FOR REPR | RODUCING DISCONTINUOUS AV DATA |
| relating to international Patent Application PCT/JPwas executed on even date herewith or, if not so execute | and/or for which application for Letters Patent of the United State |
| (a) executed on : 28 May 2007 | (insert date of execution of application, if not concurrent) |
| (b) filed on , Application No. Not yet assigned; | Any registered attorney of STEIN, MCEWEN & BUI, LLP, 1400 Eye St., N.W., Suite 300, Washington, D.C. 20005 (202/216-9505) is nereby authorized to insert in (b) the specified data, when known. |
| substitute, reissue or reexamination application based the | ted States granted on said application and any continuation, division, renews ereon, for the full term or terms for which the said Letters Patent(s) may be y, hereinafter, "said application(s) and Letters Patent(s)"). |
| to do all acts which the ASSIGNEE may deem necessary, said invention, including in the preparation and proseculintenerence, reissue, reexamination, or public use process. | said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, desirable or expedient, for securing, maintaining and enforcing protection for tion of said application(e) and the issuance of said Letters Patent(s), in an ending, and in any litigation or other legal proceeding which may arise or part be limited to executing all papers, including separate assignments and timony, and obtaining and producing evidence. |
| IN WITNESS WHEREOF, the undersigned inventor(s) (Typed Name & Signature of Inventor(s)) |) has (have) affixed his/her/their eignature(s). (Date) (Typed Name & Signature of Witness(es)) |
| 1) Kil Soo Jung : | 28 May 2007 |
| 2) | |
| 3) | |
| 4) | |
| 5) | |

PATENT REEL: 019394 FRAME: 0186

RECORDED: 05/30/2007