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U.S. DEPARTMENT OF COMMERCE ΞT

| (Rev. 03/01) | 651-0027 (exp. 5/31/2002) | | | · · · · · · · · · · · · · · · · · · · | J.S. Patent and Trade cket No. 678-2469 | | |
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| Additional na | ame(s) of conveying party(ies) | attached? 📮 Yes 📮 No | 416, Mae | tan-dong, Ye | ongtong-gu, | 377. 377. | |
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| is a true copy of the original document. Michael J. Musella | | | M 30 () (| V0. | 3/16/06 | 1 | |
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Mail documents to be recorded with required cover sheet information to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. ASSIGNMENT

DOCKET NO. 678-2469(P13222)

AS A BELOW NAMED INVENTOR. I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignes is hereby acknowledged, I do hereby sell, easign and forever grant and convey unto

ASS/GNEE: Samsung Electronics Co., Ltd.

ADDRESS: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea

Who is my Assignes, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the Invention entitled:

TITLE: DEVICE AND METHOD FOR CONTROLLING SWITCHOVER OF BROADCASTING CHANNEL IN DIGITAL MULTIMEDIA BROADCASTING RECEIVER

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 573-2469 (P13222), or is more particularly identified as:

| [X] | executed on even date herewith, or | |
|-----|------------------------------------|----------------------------------|
| | Serial No filed in the U.S. | Periont & Trademark Office on,or |
| | executed on | |

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions in hereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said SAMSUN G ELECTRONICS CO., LTD., my Assignae, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not be or made;

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-name displication or in the proparation and prosecution of any certificate of correction, division, continuation, continuation, n-part, release, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assigned, and I hereby appoint as my, or our attorney, and authorize and request <u>Poter G. Dilworth.</u>

Reg. No. 28.450 and Paul J. Farroll. Reg. No. 33.494, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document

And I further coverant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidevits required to apply for obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

in Witness Whereof, I and we have set our hands and seals on the dates written beside my and our respective names:

1

PATENT REEL: 017693 FRAME: 0820 INVENTOR(S)

Date Staned

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RECORDED: 03/16/2006