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PATENTS ONLY and Trademark Office: Please record the attached original documents or copy thereof. To the Director of the U. 1. Name of conveying party(ies): 07-07-2006 Jung-pil YU Eui-jun PARK Yong-sik KWON 103269899 2. Name and Address of receiving party(ies): SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Date(s): June 26, 2006 Application number(s) or patent number(s): 4. ☐ This document is being filed together with a new application: The execution date(s) of the application is/are: June 26, 2006 The title is: DIGITAL BROADCASTING TRANSMISSION AND RECEPTION SYSTEMS (b) AND METHODS THEREOF OR This document is being filed after filing of the application: Patent Application No(s). 11/416,457, filed May 3, 2006; or (a) (b) Patent No(s)., issued. 5. Name and address of party to whom correspondence concerning document should be mailed: STEIN, MCEWEN & BUI, LLP Our Docket: 0005.1124 Attention: Hung H. Bui 1400 Eye St., N.W., Suite 300 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** 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) Hung H. Bui, Reg. No. 40,415 Name of Person Signing Total number of pages including cover sheet: 2

07/03/2006 KBETEMA1 000000116 11416/40.00 UP)

PATENT

REEL: 018062 FRAME: 0996

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

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

RECORDED: 06/30/2006

(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 and interest to the invention entitled

DIGITAL BROADCASTING TRANSMISSION AND RECEPTION SYSTEMS AND METHODS THEREOF

executed on ;	(insert data of execution	on of application, if not concurrent)	
filed on May 3, 2006,	Any registered attorne	y of STEIN, MCEWEN & BUI, LLP, 1400 Eye Veshington, D.C. 20005 (202/218-9505) is	
fai No. 11/416,457;	hereby authorized to in	nsert in (b) the specified data, when known.	
litute miasure or regramination application ba	used thereon, for the full term or to	application and any continuation, division, renews	
ned and including any extensions thereof (coli		tion(s) and Letters Patent(s)"). It charge to but at the expense of said ASSIGNE	
o all acts which the ASSIGNEE may deem nec	essary, desirable or expedient, for resecution of said application(s)	securing, meintaining and enforcing protection fi and the issuance of said Letters Palent(s), in a	
rference, relative, resummination, or public usities of including the relation to same, such acts to include	e proceeding, and in any litigation in but not be limited to executing	r or other legal proceeding which may arise or t all papers, including separate assignments ar	
clarations, taking all rightful ceths, providing sw			
IN WITNESS WHEREOF, the undersigned inv (Typed Name & Signature of Inventor(s))	entor(s) has (have) affixed his/her (Date)	Itheir signature(s). (Typed Name & Signature of Witness(es))	
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