REC



U.S. DEPARTMENT OF COMMERCE

•	
_	
_	7
	悪悪()
=	
n	
_	
_	
_	
_	=
	=
_	
•	7
_	==-
	2

Patent and Trademark Office 103344656 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): (1) SANG-KUN CHUN SAMSUNG ELECTRONICS CO., LTD., a corporation organized under the laws of the Republic of Korea 416, Maetan-dong, Yeongtong-gu, Additional name(s) of conveying party(ies) attached?

Yes Suwon-si, Gyeonggi-do, 442-742 ■No Republic of KOREA 3. Nature of conveyance ■ Assignment □ Merger □ Security Agreement □ Change of Name Additional name(s) & addresses attached? □ Yes □ Other Execution Date: 20 November 2006 4. Application number(s) or Patent number(s): If this document is being filed together with a new application, the execution of the application is: 30 November 2006 A. Patent Application No.(s) B. Patent No.(s) To be assigned Additional number(s) attached?

Yes 5. Name and address of party to whom correspondence 6. Total Number of applications and patents involved: ONE concerning document should be mailed: Name: Robert E. Bushnell 7. Total fee (37 CFR § 3.41) \$ <u>U.S.</u> \$40.00 Attorney at Law ■ Enclosed (#51763) Suite 300, 1522 "K" Street, N.W. ☐ Authorized to be charged to deposit account Washington, D.C. 20005-1202 8. Deposit Account Number: (202) 408-9040 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. ROBERT E. BUSHNELL 30 November 2006 Name of Person Signing Date Total number of pages including cover sheet: TWO OMB No. 0651-0027 (exp. 6/30/05) Do not detach this portion Mail documents to be recorded with the required cover sheet information to: Commissioner of Patents and Trademarks **Box Assignments** Washington, D.C. 20231

REB/fw (Attorney's Docket No. P57944)

12/05/2006 DBYRNE

00000172 1160\$017

01 FC:8021

40.00 OF

PATENT

REEL: 018658 FRAME: 0819

ASSIGNMENT

SUNGWOO

DOCKET No. <u>P57944</u>

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 Assignee is hereby acknowledged. I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE:

SAMSUNG ELECTRONICS CO., LTD.,

a corporation organized under the laws of the Republic of Kores,

ADDRESS:

416 Maetan-dong

Yeongtong-gu, Suwon-si, Gyeonggi-do, 442-742

Republic of Korea

Who is my Assignee, and to the successors 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: APPARATUS AND METHOD FOR CHECKING FOR BROADCASTING SCHEDULE OVERLAP IN BROADCASTING SYSTEM

invented by me (if only one inventor is named below) or us (if more than one inventor is samed 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 is more particularly identified as:

$\underline{\mathbf{u}}$	xecuted on even data herewith, or
Y	erial No filed in the U.S. Patent & Trademark Office on, or
	xeculed 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-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said SAMSUNG ELECTRONICS CO., LTD., my Assignee, 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 been made;

AND I bereby covenant and agree to sign and execute, without receiving any money or other consideration, 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-named application or in the preparation and prosecution of all substitute applications, certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereo in said Assignee, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreement or treaty to which the United States of America adheres;

AND I do hereby authorize and request the Commissioner of Patent & Trademarks to issue said Patent or Patents to the Assignor, and I hereby appoint as my, or our attorney, and authorize and request R. E. Bushnell, Reg. No. 27,774, to insert on this Assignment any further identification or to complete such identification which may be either accessary or desirable in order to comply the rules of the United States Patent & Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I and we have set our hands and scale on the dates written beside my and our respective names:

INVENTOR(6)	Date Signed	Withels(es)			
1) SANG-KUN CHUN (Sea	November 20, 2006	's.M.Son			
2)(Sea					
Additional inventors are being named on separately numbered sheets attached hereto.					
4/10/1968 B.F. Burkerii					

060031148464702

PATENT REEL: 018658 FRAME: 0820

RECORDED: 11/30/2006