FORM PTO-1595 (Rev. 6/93) 09-15-2009

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

SHEET

Attorney Docket No: 5004-1-170

103574012

To the Assistant Commissioner for Patents

Name of conveying party(ies):     Jeong Wook SEO; Je Geol LEE; Chung Kyu LEE;     Mi Sun KIM  Additional name(s) of conveying party(ies) attached? [1] Yes [X] No	2. Name and address of receiving party(ies):  Name: SAMSUNG ELECTRONICS CO.: LTD.  Address: 416, MAETAN-DONG, YEONGTONG-GU  SUNYON SLICKED NO.		
3. Nature of conveyance:	SUWON-SI, GYEONGGI-DO		
[X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name	REPUBLIC OF KOREA		
Other:	Additional name(s) & address(es) attached? [] Yes [X] No		
Execution Date: September 8, 2009			
4. Application number(s) or patent number(s):			
If this document is being filed together with a new application, the execution date of the application is:  September 8, 2009			
A. Patent Application No.(s)	B. Patent No.(s)		
12/555,890	$z_i \hat{F}^{-1}$		
Additional numbers attached? [] Yes [x] No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
Name: Steve Cha	7. Total fee (37 CFR 3.41): \$40.00		
Address: CHA & REITER	[X] Enclosed		
210 Route 4 East, Suite #103 Paramus, New Jersey 07652	[X] Authorized to be charged to deposit account, if necessary - for overages or underpayments only		
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(BDSM 8) (9/94)

Docket No.: 5004-1-170

## Assignment of Invention and Patent Application

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of TEN (\$10.00) DOLLAR,

1) Jeong Wook SEO	of	No. 103,1102, Woobang Sarang Maeul Apt., Suseongdong 4-ga, Suseong-gu, Daegu Metropolitan City, Republic of Korea
2) Je Geol LEE	of	No. 102,704, Haengrim Maeul Samsung Raemian 1-Cha Apt., Gisan-dong, Hwaseong-si, Gyeonggi-do, Republic of Korea
3) Chung Kyu LEE	of	252-6, Sinrim9-dong, Gwanak-gu, Seoul, Republic of Korea
4) Mi Sun KIM	of	No. 301, Nosan Castle Chingu, 53B10L, Inuijigu, Jinpyeong-do,

(hereinafter Assignor) hereby sells, assigns, transfers, and sets over unto:

SAMSUNG ELECTRONIC CO., LTD. of 416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, REPUBLIC OF KOREA

(hereinafter Assignee) the entire right, title and interest for the United States Of America as defined in 35 U.S.C. 1.00, in and to the invention entitled as:

Gumi-si, Gyeongsangbuk-do, Republic of Korea

## RIGHT OBJECT RENEWAL METHOD AND APPARATUS FOR RIGHT-PROTECTED BROADCAST SERVICE

invented by Assignor; the application for United States patent therefor, invented by Assignor; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. Assignor authorizes Assignee to enter the date of signature and/or Serial Number and Filing Date in the above. Assignor also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said Assignee, for its interests as Assignee, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said Assignee; and Assignor further conveys to Assignee all priority rights resulting from the above-identified application for United States Patent. Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by Assignee to perfect Assignee's interest in any resulting patent of

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이 제걸솔루션개발그룹(MSC) 20090908143142

the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and Assignee's interest therein.

## SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Jeong Wook SEO	Juang Wrok (80
	Signature of inventor
	Dated:
	WITNESSED:
Name of Second Inventor: Je Geol LEE	por
	Signature of inventor
	Dated: 109 . 9. 8
	WITNESSED:
	4
Name of Third Inventor: Chung Kyu LEE	MA
	Signature of inventor
	Dated: 3001. 9. 8
	WITNESSED:
Name of Fourth Inventor: Mi Sun KIM	ZOM
	Signature of inventor
	Dated: 1009, 9.8

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WITNESSED:

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**RECORDED: 09/14/2009** 

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