

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Chul-Yong CHO	01/01/2009
Kyung-Hoon LEE	01/01/2009
Dae-Joung KIM	01/01/2009
Bum-Ho CHUN	01/01/2009
RECEIVING PARTY DATA	
Name:	Samsung Electronics Co., Ltd.
Street Address:	416, Maetan 3-dong, Paldal-gu, Suwon-city,
City:	Kyunggi-do
State/Country:	REPUBLIC OF KOREA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	29313614
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ATTORNEY DOCKET NUMBER:	3138.P0636US
NAME OF SUBMITTER:	Liane L. Churney
Total Attachments: 1 source=Assignment#page1.tif	

CH 29313614 \$40.00

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**PATENT**  
**REEL: 022325 FRAME: 0359**

# ASSIGNMENT

United States (Sole or Joint)  
(Excluding Foreign Rights)

WHEREAS, I/We,

Chul-Yong CHO (#305-1303 Woosung APT., Shingil 6-dong, Youngdeungpo-ku, Seoul, Korea)

Kyung-Hoon LEE (#102-202 Samsung APT., Pyungchung-dong, Jongro-ku, Seoul, Korea)

Dae-Joung KIM (#503-1602 Hyundai APT., Jayang 5-cha, 642-bunji, Jayang 2-dong, Kwangjin-ku, Seoul, Korea)

Bum-Ho CHUN (#2212 Shindorim posbill Bldg., Kuro 5-dong, Kuro-ku, Seoul, Korea)

residing at

have invented certain new and useful improvements in Set top box  
for which an application for United States Letters Patent was signed on even date

WHEREAS, Samsung Electronics Co., Ltd.

having a place of business at 416, Maetan 3-dong, Paldal-gu, Suwon-city, Kyunggi-do, Koera

hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor, in the United States and its territorial possessions.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other valuable considerations, the receipt whereof is hereby acknowledged, I/We have sold, assigned and transferred, and by these presents do sell, assign, transfer and confirm in and to said Assignee my/our full and exclusive right to the said invention in the United States and its territorial possessions and my/our entire right, title and interest in and to said application and any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations and extensions thereof.

I/We hereby authorize and request the Patent Office Officials in the United States to issue any and all of said Letters Patent, when granted, to said Assignee for the sole use and behoof of the said Assignee, its successors and assigns.

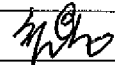
IN TESTIMONY WHEREOF, I/We have hereunto set my/our hand(s).

Witnessed by :

Inventor(s) :

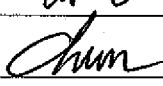
Date :

January 1, 2009

Chul-Yong CHO 

Kyung-Hoon LEE 

Dae-Joung KIM 

Bum-Ho CHUN 

PATENT