

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>So-Yoon JEON</td><td>07/01/2008</td></tr><tr><td>Dae-Joung KIM</td><td>07/01/2008</td></tr><tr><td>Chul-Yong CHO</td><td>07/01/2008</td></tr><tr><td>Bum-Ho CHUN</td><td>07/01/2008</td></tr><tr><td>Sung-Jin YUM</td><td>07/01/2008</td></tr><tr><td>Tae-Hun KIM</td><td>07/01/2008</td></tr><tr><td>Sang-Sung WOO</td><td>07/01/2008</td></tr></tbody></table>	Name	Execution Date	So-Yoon JEON	07/01/2008	Dae-Joung KIM	07/01/2008	Chul-Yong CHO	07/01/2008	Bum-Ho CHUN	07/01/2008	Sung-Jin YUM	07/01/2008	Tae-Hun KIM	07/01/2008	Sang-Sung WOO	07/01/2008	
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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																	
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>29310071</td></tr></tbody></table>	Property Type	Number	Application Number:	29310071													
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CORRESPONDENCE DATA																	
Fax Number: (269)381-5465 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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NAME OF SUBMITTER:	Brian R. Tumm																

CH \$40.00 29310071

PATENT

500648068

REEL: 021534 FRAME: 0001

Total Attachments: 2
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ASSIGNMENT

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

WHEREAS, I/We,

So-Yoon JEON (#502-803, Keumhobestvill, 877 Bunji, Sootaek-dong, Kuri-city,
Kyunggi-do, Korea)

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

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

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

Sung-Jin YUM (#308-1705, Hangaram Hanyang APT., Kwanyang-dong,
Dongan-ku, Anyang-shi, Kyunggi-do, Korea)

Tae-Hun KIM (#D-2301, Towerpellis 467-bunji, Dogok-dong, Kangnam-ku, Seoul,
Korea)

Sang-Sung WOO (#20-801, Sungsanshiyoung APT., Sungsan 2-dong, Mapo-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 by us on
even date herewith.

WHEREAS, SAMSUNG ELECTRONICS CO., LTD.

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

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 November 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 November 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).

PATENT

REEL: 021534 FRAME: 0003

Witnessed by :

Inventor(s) :

Date :

July 1, 2008

So-Yoon JEON

Dae-Joung KIM

Chul-Yong CHO

Bum-Ho CHUN

Sung-Jin YUM

Tae-Hun KIM

Sang-Sung WOO

PATENT

RECORDED: 09/16/2008

REEL: 021534 FRAME: 0004