

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Hong-Pyo KIM	03/14/2011
Sin-Wi MOON	03/14/2011
Tai-Hyung JU	03/14/2011
Sung-II BANG	03/14/2011
<b>RECEIVING PARTY DATA</b>	
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<b>Street Address:</b>	416, Maetan 3-dong, Paldal-gu
<b>City:</b>	Suwon-city, Kyunggi-do
<b>State/Country:</b>	REPUBLIC OF KOREA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	29373311
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<b>Total Attachments: 1</b> source=3138.P0816US#page1.tif	

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# ASSIGNMENT

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

3138.P0816US

U.S. Serial No. 29/373 311

WHEREAS, I/We,

Hong-Pyo KIM (3F, 2181-4, Daehwa-dong, Ilsanseo-gu, Goyang-city, Kyunggi-do, Korea)

Sin-Wi MOON (287-4, Jungang-dong, Seogwipo-city, Jeju-do, Korea)

Tai-Hyung JU (103-1301, Hyosung 1 cha APT., Dangsang-dong 5-ga, Yeongdeungpo-gu, Seoul, Korea)

Sung-II BANG (102-1504, Lotte APT., Samsung-dong, Gangnam-gu, 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, 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 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 :

March 14, 2011

Hong-Pyo KIM



Sin-Wi MOON



Tai-Hyung JU



Sung-II BANG



PATENT