

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>Hee-Bong KIM</td> <td>08/01/2012</td> </tr> <tr> <td>Gyoo-Sang CHOI</td> <td>08/01/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hee-Bong KIM	08/01/2012	Gyoo-Sang CHOI	08/01/2012				
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<table border="1"> <tr> <td>Name:</td> <td>Samsung Electronics Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>129, Samsung-ro, Yeongtong-gu, Suwon-si</td> </tr> <tr> <td>City:</td> <td>Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>443-742</td> </tr> </table>		Name:	Samsung Electronics Co., Ltd.	Street Address:	129, Samsung-ro, Yeongtong-gu, Suwon-si	City:	Gyeonggi-do	State/Country:	KOREA, REPUBLIC OF	Postal Code:	443-742
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CORRESPONDENCE DATA											
Fax Number: 2693815465 Phone: 269-381-1156 Email: docket@flynnthiel.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: FLYNN, THIEL, BOUTELL & TANIS, P.C. Address Line 1: 2026 RAMBLING RD Address Line 4: KALAMAZOO, MICHIGAN 49008-1631											
ATTORNEY DOCKET NUMBER:	3138.P0971US										
NAME OF SUBMITTER:	Liane L. Churney										
Total Attachments: 1 source=3138P0971USAssignment082012#page1.tif											

OP \$40.00 29429987

ASSIGNMENT

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

WHEREAS, I/We,

Hee-Bong KIM (111-1001, Ssangyong Yega APT., Gimpo-daero, Gimpo-city,
Kyunggi-do, Korea)

Gyoo-Sang CHOI (704-904, Salgugol 7-danji Jindeok APT., 1526, Bongyeong-ro,
Yeongtong-gu, Suwon-city, Kyunggi-do, Korea)

residing at

have invented certain new and useful improvements in TV receiver
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 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do,
443-742, Republic of 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 September 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 :

August 01, 2012

Hee-Bong KIM

이봉

Gyoo-Sang CHOI

주