### 503748137 03/22/2016

# PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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HEE-BONG KIM	10/19/2015
WONCHUL HWANG	10/19/2015

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State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	29556686

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	HNG0254US
NAME OF SUBMITTER:	JAMES J. MERRICK
SIGNATURE:	/JAMES J. MERRICK/
DATE SIGNED:	03/22/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 2** 

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PATENT 503748137 REEL: 038205 FRAME: 0902

## DECLARATION AND ASSIGNMENT

Tale of Inventors TELEVISION RECEIVER

As a below named inventor, I hereby declare that:

This declaration is directed to:

[ X ] the attached application (Attorney Docket Number HNG0254US), o  [ ] United States application or PCT international application number  filed on																									
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The above identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the clause.

Lamaware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentiability as defined in 37 CFR Section 1.56.

Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries (herein referred to as the "INVENTION") disclosed in the above-identified patent application (herein referred to as the CAPPLICATION").

Whereas, Samsung Electronics Co., Ltd., a corporation of Country of Korea having a place of business at 129, Samsung ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea (herein referred to as "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to ASSIGNEE, the entire worldwide right title, and interest in and to the INVENTION and in and to any and all patent applications and patents directed thereto.

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (berein referred to ASSIGNOR') hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in the United States and in all foreign countries and purisdictions, including all divisions, continuations, continuations in part, reissues. recognitions, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor bereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any Control States Patent, and foreign patent authorities to issue any foreign DRIEDL STANGED for the INVENTION TO ASSIGNEE, IN SUCCESSORS, legal representatives, and assigns, the grape worldwide right, title, and interest to and to the same to be held and enjoyed by ASSIGNEE. its successors, legal representatives, and assigns to the full end of the terms for which any and all such parents may be granted, as fully and entitely as would have been held and empired by the undersigned had the Assignment not been under and each understand inventor agrees to execute any and all

documents and instruments and perform all lawful acts reasonably related to recording this Assignment or performing title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.

I hereby acknowledge that any willful false statement made in this declaration is purestable under IS U.S.C. 1001 by the or impresonment of not more than five (5) years, or both

Date:

Signature: