

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Seong-Ho KIM</td> <td>06/14/2010</td> </tr> <tr> <td>Gil-Sub KIM</td> <td>06/14/2010</td> </tr> <tr> <td>Dong-Kwan YANG</td> <td>06/14/2010</td> </tr> </tbody> </table>		Name	Execution Date	Seong-Ho KIM	06/14/2010	Gil-Sub KIM	06/14/2010	Dong-Kwan YANG	06/14/2010		
Name	Execution Date										
Seong-Ho KIM	06/14/2010										
Gil-Sub KIM	06/14/2010										
Dong-Kwan YANG	06/14/2010										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Samsung Electronics Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>416 Maetan-dong, Yeongtong-gu</td> </tr> <tr> <td>Internal Address:</td> <td>Suwon-si</td> </tr> <tr> <td>City:</td> <td>Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> </table>		Name:	Samsung Electronics Co., Ltd.	Street Address:	416 Maetan-dong, Yeongtong-gu	Internal Address:	Suwon-si	City:	Gyeonggi-do	State/Country:	REPUBLIC OF KOREA
Name:	Samsung Electronics Co., Ltd.										
Street Address:	416 Maetan-dong, Yeongtong-gu										
Internal Address:	Suwon-si										
City:	Gyeonggi-do										
State/Country:	REPUBLIC OF KOREA										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12773444</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12773444						
Property Type	Number										
Application Number:	12773444										
CORRESPONDENCE DATA											
<p>Fax Number: (919)854-1401</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 919-854-1400</p> <p>Email: kcarlos@myersbigel.com</p> <p>Correspondent Name: Myers Bigel Sibley & Sajovec, P.A./ksc</p> <p>Address Line 1: 4140 Parklake Ave.</p> <p>Address Line 2: Suite 600</p> <p>Address Line 4: Raleigh, NORTH CAROLINA 27612</p>											
ATTORNEY DOCKET NUMBER:	5649-2634										
NAME OF SUBMITTER:	Kirsten S. Carlos										
<p>Total Attachments: 4</p> <p>source=Assignment#page 1.tif</p>											

CH \$40.00 12773444

501223821

PATENT
REEL: 024635 FRAME: 0747

source=Assignment#page2.tif
source=Assignment#page3.tif
source=Assignment#page4.tif

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Seong-Ho KIM**, citizen of the Republic of Korea, with a residential address of 101-1003 Seongan Cheonggu Apt., Seongnae 1-dong, Gangdong-gu, Seoul, Korea; **Gil-Sub KIM**, citizen of the Republic of Korea, with a residential address of 901-1105 Byeokjeokgol Jugong Apt. 9 Danji, Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea; and **Dong-Kwan YANG**, citizen of the Republic of Korea, with a residential address of 305-501 Hyeonin Maeul e-Pyeonhansesang Apt., Jukjeon 2-dong, Suji-gu, Yongin-si, Gyeonggi-do, Korea;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **FUSE BOX GUARD RINGS INCLUDING PROTRUSIONS AND METHODS OF FORMING SAME** for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 12/773,444, filed May 4, 2010) the filing date and application number of said application when known or to file this Assignment concurrently with the application, and

WHEREAS, **Samsung Electronics Co., Ltd.**, a Korean corporation having a principal place of business at 416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee, its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as

ASSIGNMENT – CONTINUED

fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives and assigns, promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 14 day of JUNE, 2010.

Kim Seong ho (SEAL)
Seong-Ho KIM

Witnessed by:

Date: _____

ASSIGNMENT – CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 14 day
of June, 2010.

Kim Gil-Sub (SEAL)
Gil-Sub KIM

Witnessed by:

Date: _____

ASSIGNMENT – CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 14 day
of June, 2010.

Yang Dongkwan (SEAL)
Dong-Kwan YANG

Witnessed by:

Date: _____