

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>SEHF-KOREA CO., LTD.</td> <td>08/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	SEHF-KOREA CO., LTD.	08/21/2013				
Name	Execution Date								
SEHF-KOREA CO., LTD.	08/21/2013								
RECEIVING PARTY DATA									
<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</td> </tr> <tr> <td>City:</td> <td>Suwon-si, Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>		Name:	Samsung Electronics Co., Ltd.	Street Address:	129, Samsung-ro, Yeongtong-gu	City:	Suwon-si, Gyeonggi-do	State/Country:	KOREA, REPUBLIC OF
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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>13462054</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13462054				
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Application Number:	13462054								
CORRESPONDENCE DATA									
<p>Fax Number:  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-293-0804        Email: usdocketing@jeffersonip.com        Correspondent Name: Jefferson IP Law, LLP        Address Line 1: 1130 Connecticut Ave., NW, Suite 420        Address Line 4: Washington, DISTRICT OF COLUMBIA 20036</p>									
ATTORNEY DOCKET NUMBER:	0201-0481								
NAME OF SUBMITTER:	Daniel Schneider								
Signature:	/Daniel SCHNEIDER/								
Date:	09/13/2013								
<p>Total Attachments: 2        source=0201-0481AssignmentAsFiled09-13-2013#page1.tif        source=0201-0481AssignmentAsFiled09-13-2013#page2.tif</p>									

OP \$40.00 13462054

**PATENT**

# RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**  
SEHF-KOREA CO., LTD.

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: Samsung Electronics Co., Ltd.  
Internal Address: \_\_\_\_\_  
Street Address: 129, Samsung-ro, Yeongtong-gu  
City: Suwon-si, Gyeonggi-do  
State: \_\_\_\_\_  
Country: Republic of Korea Zip: \_\_\_\_\_  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) August 21, 2013

Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No.(s)  
13/462,054

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Jefferson IP Law, LLP  
Internal Address: Daniel Schneider  
Street Address: 1130 Connecticut Ave., NW, Suite 420  
City: Washington  
State: DC Zip: 20036  
Phone Number: 202-293-0804  
Fax Number: 202-403-3587  
Email Address: usdocketing@jeffersonip.com

**6. Total number of applications and patents involved:** One

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** \_\_\_\_\_

Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

**9. Signature:** \_\_\_\_\_ /Daniel SCHNEIDER/ Reg. #68,276 \_\_\_\_\_ September 13, 2013  
Signature Date

\_\_\_\_\_ Daniel Schneider \_\_\_\_\_ Total number of pages including cover sheet, attachments, and documents: 2  
Name of Person Signing

**Patent Assignment Agreement**

SEHF-KOREA CO., LTD, having offices at 302, 3gongdan 3-ro, Gumi-si, Gyeongsangbuk-do, Republic of Korea, is the sole and exclusive owner of record of the following Patent and Patent Application:

Patent/Serial Nos. 13/462,054

SEHF-KOREA CO., LTD (hereinafter "Assignor") hereby transfers and assigns to Samsung Electronics Co., Ltd. (hereinafter "Assignee"), having a business address at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea:

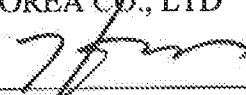
- (i) all of right, title and interest in and to the aforementioned U.S. Patent and Patent Application; and
- (ii) all rights in and to causes of action and enforcement rights for the Patent Rights including all rights to pursue damages, injunctive relief and other remedies for past, current, and future infringement of the Patent Rights.

The terms and conditions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, its successor, assigns and other legal representatives.

IN WITNESS WHEREOF, this Assignment is signed by its duly authorized representative.

Agreed and Accepted:

SEHF-KOREA CO., LTD

By: 

Name: JIN-HAN, KIM

Title: Senior Vice president

Date: August 21, 2013