

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3863690

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the COUNTRY OF ASSIGNEE previously recorded on Reel 026129 Frame 0214. Assignor(s) hereby confirms the COUNTRY OF ASSIGNEE IS REPUBLIC OF KOREA.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JIN-SUB KIM	03/22/2011
KWANG-YOUN KIM	03/22/2011
JIN-HYUN CHO	03/22/2011
HOON CHOI	03/22/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SAMSUNG ELECTRONICS CO., LTD.
<b>Street Address:</b>	416, MAETAN-DONG, YEONGTONG-GU,
<b>Internal Address:</b>	GYEONGGI-DO
<b>City:</b>	SUWON-SI
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13087052
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)293-7860
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	202-293-7060
<b>Email:</b>	myasin@sughrue.com, sughrue@sughrue.com
<b>Correspondent Name:</b>	SUGHRUE MION, PLLC
<b>Address Line 1:</b>	2100 PENNSYLVANIA AVENUE, N.W.
<b>Address Line 2:</b>	SUITE 800
<b>Address Line 4:</b>	WASHINGTON, D.C. 20037
<b>ATTORNEY DOCKET NUMBER:</b>	Q123765
<b>NAME OF SUBMITTER:</b>	MOHAMMED YASIN
<b>SIGNATURE:</b>	/Mohammed Yasin/Secretary
<b>DATE SIGNED:</b>	05/09/2016
<b>Total Attachments: 4</b>	

source=Q123765CorrectiveAssignment#page1.tif

source=Q123765CorrectiveAssignment#page2.tif

source=Q123765CorrectiveAssignment#page3.tif

source=Q123765CorrectiveAssignment#page4.tif

**PATENT**

**REEL: 038640 FRAME: 0785**

## Assignment

Whereas, We, Jin-sub KIM of Seoul, Republic of Korea; Kwang-youn KIM of Suwon-si, Republic of Korea; Jin-hyun CHO of Seoul, Republic of Korea; and Hoon CHOI of Yongin-si, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in DISPLAY APPARATUS INCLUDING TEMPERATURE COMPENSATION UNIT, DISPLAY MODULE APPLIED THEREIN, AND METHOD FOR CONTROLLING TEMPERATURE OF DISPLAY MODULE and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and


Whereas, SAMSUNG ELECTRONICS CO., LTD. of 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

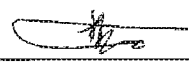
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the application number, confirmation number, and filing date of said application when known.

Date: March 22, 2011 J. S. Kim  
s/Jin-sub KIM

Date: March 22, 2011 Kim Kwang Youn   
s/Kwang-youn KIM

Date: May 22, 2011   
s/Jin-hyun CHO

Date: March 22, 2011 Hoon Choi  
s/Hoon CHOI

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

04/14/2011  
501501395

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>Jin-sub KIM</td><td>03/22/2011</td></tr><tr><td>Kwang-youn KIM</td><td>03/22/2011</td></tr><tr><td>Jin-hyun CHO</td><td>03/22/2011</td></tr><tr><td>Hoon CHOI</td><td>03/22/2011</td></tr></tbody></table>		Name	Execution Date	Jin-sub KIM	03/22/2011	Kwang-youn KIM	03/22/2011	Jin-hyun CHO	03/22/2011	Hoon CHOI	03/22/2011
Name	Execution Date										
Jin-sub KIM	03/22/2011										
Kwang-youn KIM	03/22/2011										
Jin-hyun CHO	03/22/2011										
Hoon CHOI	03/22/2011										
RECEIVING PARTY DATA											
<table border="1"><tr><td>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>Gyeonggi-do</td></tr><tr><td>City:</td><td>Suwon-si</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>		Name:	SAMSUNG ELECTRONICS CO., LTD.	Street Address:	416, Maetan-dong, Yeongtong-gu	Internal Address:	Gyeonggi-do	City:	Suwon-si	State/Country:	JAPAN
Name:	SAMSUNG ELECTRONICS CO., LTD.										
Street Address:	416, Maetan-dong, Yeongtong-gu										
Internal Address:	Gyeonggi-do										
City:	Suwon-si										
State/Country:	JAPAN										
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>13087052</td></tr></tbody></table>		Property Type	Number	Application Number:	13087052						
Property Type	Number										
Application Number:	13087052										
CORRESPONDENCE DATA											
Fax Number: (202)293-7860 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 202-293-7060											
Email: sreynolds@sughrue.com											
Correspondent Name: SUGHRUE MION, PLLC											
Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.											
Address Line 2: SUITE 800											
Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037											
ATTORNEY DOCKET NUMBER:	Q123765										
NAME OF SUBMITTER:	Sachiko Reynolds										
Total Attachments: 1 source=ASSIGNMENT_EXECUTED_AS_FILED#page1.tif											

QP \$40.00 13087052