

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<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>Byung-Jo LEE</td> <td>02/01/2010</td> </tr> <tr> <td>See-hyun KIM</td> <td>02/01/2010</td> </tr> <tr> <td>Myoung-Sun CHOUNG</td> <td>02/01/2010</td> </tr> </tbody> </table>		Name	Execution Date	Byung-Jo LEE	02/01/2010	See-hyun KIM	02/01/2010	Myoung-Sun CHOUNG	02/01/2010
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<b>RECEIVING PARTY DATA</b>									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>SAMSUNG GWANGJU ELECTRONICS CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>271, Oseon-dong, Gwangsan-gu</td> </tr> <tr> <td>City:</td> <td>Gwangju-city</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> </table>		Name:	SAMSUNG GWANGJU ELECTRONICS CO., LTD.	Street Address:	271, Oseon-dong, Gwangsan-gu	City:	Gwangju-city	State/Country:	REPUBLIC OF KOREA
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<b>PROPERTY NUMBERS Total: 1</b>									
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<b>CORRESPONDENCE DATA</b>									
<p>Fax Number: (202)315-3758</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-429-0020</p> <p>Email: info@nsiplaw.com</p> <p>Correspondent Name: North Star Intellectual Property Law, PC</p> <p>Address Line 1: P.O. Box 34688</p> <p>Address Line 4: Washington DC, DISTRICT OF COLUMBIA 20043</p>									
ATTORNEY DOCKET NUMBER:	GSEC.2106.0009								
NAME OF SUBMITTER:	Charles Y. Park								
<p>Total Attachments: 4</p> <p>source=Assignment_21060009#page1.tif</p> <p>source=Assignment_21060009#page2.tif</p> <p>source=Assignment_21060009#page3.tif</p>									

OP \$40.00 12704054

**501090748**

**PATENT**  
**REEL: 023925 FRAME: 0685**



### ASSIGNMENT

For valuable consideration, We,

- (1) Name: **Byung-Jo LEE**  
Address: 102-904, Suwan Umirin 1-cha Apartment, 1488,  
Suwan-dong, Gwangsan-gu, Gwangju-city,  
Republic of Korea  
Nationality: Republic of Korea
- (2) Name: **See-hyun KIM**  
Address: 105-506, Hoban 1-cha Apartment, Wolgye-dong,  
Gwangsan-gu, Gwangju-city, Republic of Korea  
Nationality: Republic of Korea
- (3) Name: **Myoung-Sun CHOUNG**  
Address: 202-1110, Daeju Apartment, Munheung-dong,  
Buk-gu, Gwangju-city, Republic of Korea  
Nationality: Republic of Korea

hereby assign to:

**SAMSUNG GWANGJU ELECTRONICS CO., LTD.**, a Republic of Korea  
corporation having principal executive offices at: 271, Oseon-dong, Gwangsan-gu,  
Gwangju-city, Republic of Korea; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent Application Number 12/704,054 filed 02/11/2010 at the U.S. Patent & Trademark Office signed by us, with title APPARATUS FOR DIVERTING FLUID FLOW PATH, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and application serial number of said application when known; this Assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal this 1st day of  
February, 2010

Signature: Byungjo LEE  
Byung-Jo LEE

City of Gwangju :

Country of Korea :

Before me this 1st day of February, 2010, personally appeared  
known to me to be the person whose name is subscribed to the foregoing Assignment and  
acknowledged that they executed the same as his free act and deed for the purposes therein  
contained.

C. S. Jang  
Witness or Notary Public

IN WITNESS WHEREOF, I hereto set my hand and seal this 1st day of  
February, 2010

Signature: Seehyun Kim  
See-hyun KIM

City of Gwangju :

:

Country of Korea :

Before me this 1st day of February, 2010, personally appeared  
known to me to be the person whose name is subscribed to the foregoing Assignment and  
acknowledged that they executed the same as his free act and deed for the purposes therein  
contained.

C. S. Jung

Witness or Notary Public

IN WITNESS WHEREOF, I hereto set my hand and seal this 1st day of February, 2010

Signature: M. S. Choung  
Myoung-Sun CHOUNG

City of Gwangju ;

Country of Korea ;

Before me this 1st day of February, 2010, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that they executed the same as his free act and deed for the purposes therein contained.

C. S. Jung  
Witness or Notary Public