

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Chang-Ho Lee	11/26/2007
Jaejoon Chang	11/26/2007
Wangmyong Woo	11/26/2007
Haksun Kim	11/26/2007
Minsik Ahn	11/26/2007
Joy Laskar	11/26/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Samsung Electro-Mechanics Company
<b>Street Address:</b>	314, Maetan 3-Dong, Yeongtong-Gu, Suwon
<b>City:</b>	Gyeonggi-Do
<b>State/Country:</b>	REPUBLIC OF KOREA
<b>Name:</b>	Georgia Tech Research Corporation
<b>Street Address:</b>	505 10th Street NW
<b>City:</b>	Atlanta
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30332-0415
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11943378
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(404)853-8806
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	4048538685
Email:	carla.key@sablaw.com
Correspondent Name:	Jason V. Chang

CH \$40.00 11943378

**500431888**

**PATENT**  
**REEL: 020316 FRAME: 0422**

Address Line 1:	999 Peachtree Street NE
Address Line 4:	Atlanta, GEORGIA 30309-3996

ATTORNEY DOCKET NUMBER:	24734-0032
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NAME OF SUBMITTER:	Jason V. Chang
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<p>Total Attachments: 8</p> <p>source=SS0032_Assignment#page1.tif</p> <p>source=SS0032_Assignment#page2.tif</p> <p>source=SS0032_Assignment#page3.tif</p> <p>source=SS0032_Assignment#page4.tif</p> <p>source=SS0032_Assignment#page5.tif</p> <p>source=SS0032_Assignment#page6.tif</p> <p>source=SS0032_Assignment#page7.tif</p> <p>source=SS0032_Assignment#page8.tif</p>
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## ASSIGNMENT

WHEREAS, we, **Chang-Ho Lee**, a citizen of Korea, residing at 2684 Hampton Park Drive, Marietta, GA 30062, USA, **Jaejoon Chang**, a citizen of Korea, residing at 110 Jilstone Court, Duluth, GA 30097, USA, **Wangmyong Woo**, a citizen of Korea, residing at 1059 Windermere Crossing, Cumming, GA 30041, USA, and **Haksun Kim**, a citizen of Korea, residing at Clover Apt. 115-1001, Doonsan-Dong Seo-gu, Daejeon, Korea, invented certain inventions and improvements disclosed in a provisional application filed with the United States Patent and Trademark Office on December 1, 2007, and assigned U.S. Application Serial No. 60/868,172 and disclosed in a nonprovisional patent application entitled "**SYSTEMS, METHODS, AND APPARATUSES FOR HIGH POWER COMPLEMENTARY METAL OXIDE SEMICONDUCTOR (CMOS) ANTENNA SWITCHES USING BODY SWITCHING AND SUBSTRATE JUNCTION DIODE CONTROLLING IN MULTISTACKING STRUCTURE**," filed in the United States Patent and Trademark Office on November 20, 2007, under Application No. 11/943,378 (*I hereby authorize and request that Sutherland Asbill & Brennan LLP insert the filing date and application number in the preceding blanks when known*) and Docket No. 24734-0032; and

WHEREAS, **Samsung Electro-Mechanics Company**, a Korean corporation, having a principal place of business at 314, Maetan 3-Dong, Yeongtong-Gu, Suwon, Gyunggi-Do, Korea, is desirous of acquiring an interest in the same;

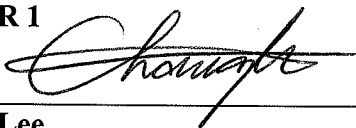
NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which we, **Chang-Ho Lee, Jaejoon Chang, Wangmyong Woo, and Haksun Kim** by these presents do sell, assign and transfer unto **Samsung Electro-Mechanics Company** the full, exclusive and entire right, title, and interest in and to said application, and in and to all inventions and improvements disclosed and described in said application;

For the same consideration, we, by these presents do sell, assign, and transfer to **Samsung Electro-Mechanics Company**, the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable

conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **Samsung Electro-Mechanics Company**, or its designee insofar as permitted by applicable law.

AND, for the same consideration, we agree to sign all lawful papers, execute all nonprovisional applications and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Samsung Electro-Mechanics Company** its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

INVENTOR 1

  
Chang-Ho Lee

Date: 11/26/07

WITNESS: 

Date: 11/26/07

WITNESS: Changhyuk Cho

Date: 11/26/07

OR

USE SECTION BELOW ONLY IF SIGNING IN PRESENCE OF A NOTARY

Chang-Ho Lee

Date: \_\_\_\_\_

STATE OF \_\_\_\_\_)

ss.

COUNTY OF \_\_\_\_\_)

Before me, a Notary Public in and for the State of \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared **Chang-Ho Lee**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(SEAL)

\_\_\_\_\_  
(Notary Public)

**INVENTOR 2**

Jaejoon Chang  
**Jaejoon Chang**

Date: 11/26/07

WITNESS: [Signature]

Date: 11/26/07

WITNESS: Changhyuk cho

Date: 11/26/07

**OR**

**USE SECTION BELOW ONLY IF SIGNING IN PRESENCE OF A NOTARY**

Jaejoon Chang

Date: \_\_\_\_\_

STATE OF \_\_\_\_\_)

ss.

COUNTY OF \_\_\_\_\_)

Before me, a Notary Public in and for the State of \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared **Jaejoon Chang**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(SEAL)

\_\_\_\_\_  
(Notary Public)

INVENTOR 3

Wangmyong Woo  
Wangmyong Woo

Date: 11/26/07

WITNESS: [Signature]

Date: 11/26/07

WITNESS: Changhyuk cho

Date: 11/26/07

OR

USE SECTION BELOW ONLY IF SIGNING IN PRESENCE OF A NOTARY

Wangmyong Woo

Date: \_\_\_\_\_

STATE OF \_\_\_\_\_)

ss.

COUNTY OF \_\_\_\_\_)

Before me, a Notary Public in and for the State of \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared **Wangmyong Woo**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(SEAL)

\_\_\_\_\_  
(Notary Public)

INVENTOR 4

Haksun Kim

Date: 11/26/07

WITNESS: Changhyuk cho

Date: 11/26/07

WITNESS: Changhyuk cho

Date: 11/26/07

OR

USE SECTION BELOW ONLY IF SIGNING IN PRESENCE OF A NOTARY

Haksun Kim

Date: \_\_\_\_\_

STATE OF \_\_\_\_\_)

ss.

COUNTY OF \_\_\_\_\_)

Before me, a Notary Public in and for the State of \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared **Haksun Kim**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(SEAL)

\_\_\_\_\_  
(Notary Public)

## ASSIGNMENT

WHEREAS, we, **Minsik Ahn**, a citizen of Korea, residing at 391 17<sup>th</sup> Street #4010, Atlanta, GA 30363, USA, and **Joy Laskar**, a citizen of the United States of America, residing at 860 Saints Drive, Marietta, GA 30068, USA, have invented certain inventions and improvements disclosed in a provisional application filed with the United States Patent and Trademark Office on December 1, 2007, and assigned U.S. Application Serial No. 60/868,172 and disclosed in a nonprovisional patent application entitled "**SYSTEMS, METHODS, AND APPARATUSES FOR HIGH POWER COMPLEMENTARY METAL OXIDE SEMICONDUCTOR (CMOS) ANTENNA SWITCHES USING BODY SWITCHING AND SUBSTRATE JUNCTION DIODE CONTROLLING IN MULTISTACKING STRUCTURE**," filed in the United States Patent and Trademark Office on November 20, 2007, under Application No. 11/943,378 (*I hereby authorize and request that Sutherland Asbill & Brennan LLP insert the filing date and application number in the preceding blanks when known*) and Docket No. 24734-0032; and

WHEREAS, **Georgia Tech Research Corporation**, a corporation of the State of Delaware, having a principal place of business at 505 10<sup>th</sup> Street, NW, Atlanta, GA 30332-0415, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which we, **Minsik Ahn** and **Joy Laskar** by these presents do sell, assign and transfer unto **Georgia Tech Research Corporation** the full, exclusive and entire right, title, and interest in and to said application, and in and to all inventions and improvements disclosed and described in said application;

For the same consideration, we, by these presents do sell, assign, and transfer to **Georgia Tech Research Corporation**, the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in





INVENTOR 2

Joy Laskar  
Joy Laskar

Date: 11/26/07

WITNESS: Changhyuk Cho

Date: 11/26/07

WITNESS: Changhyuk Cho

Date: 11/26/07

OR

USE SECTION BELOW ONLY IF SIGNING IN PRESENCE OF A NOTARY

Joy Laskar

Date: \_\_\_\_\_

STATE OF \_\_\_\_\_)

ss.

COUNTY OF \_\_\_\_\_)

Before me, a Notary Public in and for the State of \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 2007, personally appeared **Joy Laskar**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(SEAL)

\_\_\_\_\_  
(Notary Public)