

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Dong Ho Lee	09/17/2009
Joy Laskar	11/19/2009
Minsik Ahn	09/17/2009
Kyu Hwan An	09/17/2009
Wangmyong Woo	09/17/2009
Chang-Ho Lee	09/17/2009

**RECEIVING PARTY DATA**

Name:	Georgia Tech Research Corporation
Street Address:	505 10th Street, NW
City:	Atlanta
State/Country:	GEORGIA
Postal Code:	30332-0412

Name:	Samsung Electro-Mechanics Company, Ltd.
Street Address:	314, Maetan 3-Dong, Yeongtong-Gu
City:	Gyunggi-Do
State/Country:	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12565137

**CORRESPONDENCE DATA**

Fax Number: (404)853-8806  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 4048538685  
 Email: maple.tran@sutherland.com  
 Correspondent Name: SUTHERLAND ASBILL & BRENNAN LLP

**CH \$40.00 12565137**

**501025648**

**PATENT  
 REEL: 023571 FRAME: 0684**

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

ATTORNEY DOCKET NUMBER: 24734-0059

NAME OF SUBMITTER: Jason V. Chang

**Total Attachments: 10**

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## ASSIGNMENT

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WHEREAS, we, **Dong Ho Lee**, a citizen of SOUTH KOREA, residing at 251 10<sup>th</sup> Street NW, Apt. E405, Atlanta, GA 30318, USA, and **Joy Laskar**, a citizen of the UNITED STATES OF AMERICA, residing at 860 Saints Drive, Marietta, GA 30068, USA, invented certain inventions and improvements disclosed in a non-provisional application entitled “**SYSTEMS AND METHODS FOR A SPDT SWITCH OR SPMT SWITCH WITH TRANSFORMER,**” filed with the United States Patent and Trademark Office on september 23, 2009, under U.S. Application No. 12/565,137 and Docket No. 24734-0059, (*we hereby authorize and request that Sutherland Asbill & Brennan LLP insert the filing date and application number in the preceding blanks when known*); 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 hereby acknowledge, we, **Dong Ho Lee** 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 applications, in and to any divisions, continuations, continuations in parts, and reissues thereof, and in and to all inventions and improvements disclosed and described in said applications, preparatory to obtaining Letters Patent of the United States therefor; and we hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said applications, or from a division, continuation, continuation in part, or reissue thereof, to **GEORGIA TECH RESEARCH CORPORATION**, as the assignee, for its interest and for the sole use and benefit of **GEORGIA TECH RESEARCH CORPORATION**, and its assigns and legal representatives;

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 any of said

applications, 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 **GEORGIA TECH RESEARCH CORPORATION**, or its designee insofar as permitted by applicable law.

AND, for the same consideration, we agree to sign all lawful papers, execute all division, continuing, continuation in part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **GEORGIA TECH RESEARCH CORPORATION**, its successors, assigns, and nominees, to obtain and enforce proper protection, including the right to sue for patent infringement, for all said inventions and improvements in all countries throughout the world.



**INVENTOR 2**

Joy Laskar  
*Joy Laskar*

Date: 11/19/09

WITNESS: *[Signature]*

Date: 11/19/09

WITNESS: *[Signature]*

Date: 11/19/09

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 \_\_\_\_\_, 2009, personally appeared **Joy Laskar**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(SEAL)

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

## ASSIGNMENT

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WHEREAS, we, **Minsik Ahn**, a citizen of SOUTH KOREA, residing at 70 Perimeter Center East, #2422, Atlanta, GA 30346, USA; **Kyu Hwan An**, a citizen of SOUTH KOREA, residing at 3201 Azalea Garden Drive, Dunwoody, GA 30338, USA; **Wangmyong Woo**, a citizen of SOUTH KOREA, residing at 1059 Windermere Crossing, Cumming, GA 30041, USA; and **Chang-Ho Lee**, a citizen of SOUTH KOREA, residing at 1944 Bennetts Point Drive, Marietta, GA 30068, USA, invented certain inventions and improvements disclosed in a non-provisional application entitled "SYSTEMS AND METHODS FOR A SPDT SWITCH OR SPMT SWITCH WITH TRANSFORMER," filed with the United States Patent and Trademark Office on September 23, 2009, under U.S. Application No. 12/565,137 (*we 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. 24734-0059; and

WHEREAS, **Samsung Electro-Mechanics Company, Ltd.**, a corporation in the country of SOUTH KOREA, having a principal place of business at 314, Maetan 3-Dong, Yeongtong-Gu, Suwon, Gyunggi-Do, 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 hereby acknowledge, we, **Minsik Ahn, Kyu Hwan An, Wangmyong Woo, and Chang-Ho Lee**, and by these presents do sell, assign and transfer unto **Samsung Electro-Mechanics Company, Ltd.**, the full, exclusive and entire right, title, and interest in and to said applications, in and to any divisions, continuations, continuations in parts, and reissues thereof, and in and to all inventions and improvements disclosed and described in said applications, preparatory to obtaining Letters Patent of the United States therefor; and we hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said applications, or from a division, continuation, continuation in part, or reissue thereof, to **Samsung Electro-Mechanics Company, Ltd.**, as the assignee, for its interest and for the sole use and benefit of **Samsung Electro-Mechanics Company, Ltd.**, and its assigns and legal representatives;

For the same consideration, we, by these presents do sell, assign, and transfer to **Samsung Electro-Mechanics Company, Ltd.**, the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to any of said applications, 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, Ltd.**, or its designee insofar as permitted by applicable law.

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



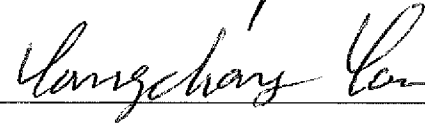
**INVENTOR 1**

  
\_\_\_\_\_  
Minsik Ahn

Date: 09/17/2009

WITNESS:   
\_\_\_\_\_

Date: 9/17/09

WITNESS:   
\_\_\_\_\_

Date: 9/17/09

**OR**

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

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

\_\_\_\_\_  
Minsik Ahn

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

ss.

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

Before me, a Notary Public in and for the State of \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 2009, personally appeared **Minsik Ahn**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(SEAL)

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

**INVENTOR 2**



**INVENTOR 3**

Wangmyong Woo  
Wangmyong Woo

Date: 9/17/2009

WITNESS: Chompho

Date: 9/17/09

WITNESS: Wongchay Ven

Date: 9/17/09

OR

USE SECTION BELOW ONLY IF SIGNING IN PRESENCE OF A NOTARY

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

\_\_\_\_\_  
Wangmyong Woo

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

ss.

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

Before me, a Notary Public in and for the State of \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 2009, 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**

*Chang-Ho Lee* Date: 9/17/09  
Chang-Ho Lee

WITNESS: *Yongchang Lee* Date: 9/17/09

WITNESS: *Abu Kyut Hwan* Date: 9/17/09

OR

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

\_\_\_\_\_ Date: \_\_\_\_\_  
Chang-Ho Lee

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

ss.

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

Before me, a Notary Public in and for the State of \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 2009, personally appeared **Chang-Ho Lee**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(SEAL)

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