PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| Young Jae LEE | 09/23/2009 |
| Cheon Soo KIM | 09/23/2009 |
| Hyun Kyu YU | 09/23/2009 |

RECEIVING PARTY DATA

| Name: | ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE | |
|-----------------|---|--|
| Street Address: | 161 Gajeong-dong, Yuseong-gu | |
| City: | Daejeon | |
| State/Country: | REPUBLIC OF KOREA | |
| Postal Code: | 305-350 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12608183 |

CORRESPONDENCE DATA

Fax Number: (202)408-0924

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-371-8976

Email: firm@rabinberdo.com

Correspondent Name: Rabin & Berdo, P.C.

Address Line 1: 1101 14th St. N.W.

Address Line 2: Suite 500

Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

| ATTORNEY DOCKET NUMBER: | CSL-131 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | Steven M. Rabin |

Total Attachments: 2

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PATENT REEL: 023442 FRAME: 0011

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Young Jae LEE, residing in, 205-1402 Kolon Haneulchae Apt., Chimsan-dong, Buk-gu, Daegu 702-750, Republic of Korea; Cheon Soo KIM, residing in, 132-803 Hanbit Apt., Eoeun-dong, Yuseong-gu, Daejeon 305-755, Republic of Korea and Hyun Kyu YU, residing in, 807-301 Yeolmaemaeul 8 danji Saemirae Apt., Noeun-dong, Yuseong-gu, Daejeon 305-768, Republic of Korea, hereinafter referred to collectively as the assignor, has invented a certain improvement relating to HYBRID BALUN APPARATUS,

[X] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
[X] said application having been filed in the United States Patent and Trademark Office on October 29, 2009, authorization being hereby given to my attorneys, Steven M. Rabin, Robert H. Berdo, Jr., Phillip G. Avruch and Allen Wood of RABIN & BERDO, P.C., 1101 14th Street, N.W., Washington, D.C. 20005, to insert here in parentheses (Application Serial No. 12/608,183) the application serial number of said application when known;

AND WHEREAS <u>ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE of the Republic of Korea, having a place of business at 161 Gajeong-dong, Yuseong-gu, Daejeon 305-350, Republic of Korea, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;</u>

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 23rd day of September, 2009.

PATENT REEL: 023442 FRAME: 0012

| WITNESSES: | ASSIGNOR: |
|--|----------------------------------|
| Signature: | Signature |
| Name: GIL, Jin Young | Name: LEE, Young Jae |
| Address: 13th Floor, Seocho-Pyunghwa Building, | |
| 1451-34 Seocho-dong, Seocho-gu, Seoul 137-070, | |
| Republic of Korea | |
| Signature: | |
| Name:LEE, Ji A | |
| Address: 13th Floor, Seocho-Pyunghwa Building, | |
| 1451-34 Seocho-dong, Seocho-gu, Seoul 137-070, | |
| Republic of Korea | |
| | |
| | |
| WITNESSES: | ASSIGNOR: |
| Signature: | ASSIGNOR: Signature Cheongoo Chm |
| Name: GIL, Jin Young | Name: KIM, Cheon Soo |
| Address: 13th Floor, Seocho-Pyunghwa Building, | |
| 1451-34 Seocho-dong, Seocho-gu, Seoul 137-070, | |
| Republic of Korea | |
| Signature: | |
| Name: LEE, Ji A | |
| Address: 13th Floor, Seocho-Pyunghwa Building, | |
| 1451-34 Seocho-dong, Seocho-gu, Seoul 137-070, | |
| Republic of Korea | |
| | |
| | |
| WITNESSES: | |
| | ASSIGNOR: |
| Signature: VTV Name: GIL, Jin Young | Signature |
| Address: 13th Floor, Seocho-Pyunghwa Building, | Name: YU, Hyun Kyu |
| 1451-34 Seocho-dong, Seocho-gu, Seoul 137-070, | |
| Republic of Korea | |
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| Signature: | |
| Name: LEE, Ji A | |
| Address: 13th Floor, Seocho-Pyunghwa Building, | |
| 1451-34 Seocho-dong, Seocho-gu, Seoul 137-070, | |
| Republic of Korea | |

RECORDED: 10/29/2009

PATENT REEL: 023442 FRAME: 0013

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