

**PATENT ASSIGNMENT**

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 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Seung Eun HONG	09/23/2011
Yong Sun KIM	09/23/2011
Woo Yong LEE	09/23/2011
Hyun Kyu CHUNG	09/23/2011
<b>RECEIVING PARTY DATA</b>	
Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE
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City:	Daejeon
State/Country:	REPUBLIC OF KOREA
Postal Code:	305-700
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13252476
<b>CORRESPONDENCE DATA</b>	
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Correspondent Name:	Rabin & Berdo, P.C.
Address Line 1:	1101 14th St., N.W., Suite 500
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005
ATTORNEY DOCKET NUMBER:	MUH-155
NAME OF SUBMITTER:	Robert H. Berdo, Jr.
Total Attachments: 2 source=MUH-155-Assignment-R#page1.tif source=MUH-155-Assignment-R#page2.tif	

OP \$40.00 13252476

**ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT**

WHEREAS HONG, Seung Eun of Daejeon, Republic of Korea; KIM, Yong Sun of Gyeryong-si, Chungcheongnam-do, Republic of Korea; LEE, Woo Yong of Daejeon, Republic of Korea; CHUNG, Hyun Kyu of Daejeon, Republic of Korea;

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to

METHOD AND APPARATUS FOR CONTENTION-BASED CHANNEL ACCESS WITH DIRECTIONAL ANTENNA OVER WIDEBAND HIGH FREQUENCY WIRELESS SYSTEM

[V] 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;  
[ ] said application having been filed in the United States Patent and Trademark Office on \_\_\_\_\_, authorization being hereby given to my attorneys, Steven M. Rabin, Robert H. Berdo, Jr. 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. \_\_\_\_\_) the application serial number of said application when known;

AND WHEREAS Electronics and Telecommunications Research Institute of 161 Gajeong-dong, Yuseong-gu, Daejeon 305-700, 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;

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 23 day of September, 2011.

**WITNESSES:**

**ASSIGNOR:**

Signature: \_\_\_\_\_

Signature 

Name: \_\_\_\_\_

Name: HONG, Seung Eun

Address: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

RABIN & BERDO, P.C., Washington, D.C.

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

**WITNESSES:**

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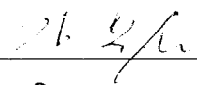
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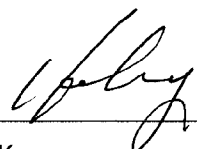
Name: KIM, Yong Sun \_\_\_\_\_

**ASSIGNOR:**

Signature:  \_\_\_\_\_

Name: LEE, Woo Yong \_\_\_\_\_

**ASSIGNOR:**

Signature:  \_\_\_\_\_

Name: CHUNG, Hyun Kyu \_\_\_\_\_