

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2840226

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WOORAM SHIN	04/11/2014
HYUN-JAE KIM	04/11/2014
YONG SU LEE	04/11/2014
ANSEOK LEE	04/11/2014
KWANG JAE LIM	04/11/2014
DONGSEUNG KWON	04/11/2014
RECEIVING PARTY DATA	
Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE
Street Address:	218 GAJEONG-RO, YUSEONG-GU
City:	DAEJEON
State/Country:	KOREA, REPUBLIC OF
Postal Code:	305-700
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14268456
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	PAN-224
NAME OF SUBMITTER:	ROBERT H. BERDO, JR.
SIGNATURE:	/Robert H. Berdo, Jr./
DATE SIGNED:	05/02/2014
This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT

Total Attachments: 3

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IP20120709_Pan
Attorney Reference: _____

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS, Shin, Wooram; Kim, Hyun-jae; LEE, Yong Su; Lee, Anseok; Lim, Kwang Jae; Kwon, DongSeung hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

METHOD AND APPARATUS FOR BEAMFORMING IN WIRELESS COMMUNICATION SYSTEM

☒ said application being attached hereto;
☐ said application having been filed in the United States Patent and Trademark Office on _____, as Application Serial No. _____, and was amended on _____ (if applicable);
☐ the specification of which was filed under the Patent Cooperation Treaty on _____, Serial No. _____, the United States of America being designated.

AND WHEREAS ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE of 218 Gajeong-ro, Yuseong-gu, Daejeon, 305-700, Republic of Korea hereinafter referred to as the assignee or applicant, 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.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Address all correspondence and telephone calls to Rabin & Berdo, P.C., 1101 14th Street, N.W., Suite 500, Washington, D.C. 20005, Telephone: (202) 371-8976; Fax: (202) 408-0924, Customer No. 23995.

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ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (SOLE OR FIRST INVENTOR):

Signature:  _____

Legal Name: Shin, Wooram

Date: April 11, 2014

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (SECOND INVENTOR):

Signature:  _____

Legal Name: Kim, Hyun-jae

Date: April 11, 2014

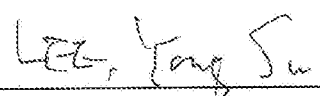
WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (THIRD INVENTOR):

Signature:  _____

Legal Name: LEE, Yong Su

Date: April 11, 2014

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (FOURTH INVENTOR):

Signature:  _____

Legal Name: Lee, Anseok

Date: April 11, 2014

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (FIFTH INVENTOR):

Signature: KwangJae

Legal Name: Lim, Kwang Jae

Date: April 11, 2014

WITNESS:

Signature: _____

Name: _____

Address: _____

ASSIGNOR (SIXTH INVENTOR):

Signature: X DongSeung

Legal Name: Kwon, DongSeung

Date: April 11, 2014

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