

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2733733

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JUNG WOO PARK</td> <td>02/11/2014</td> </tr> <tr> <td>YOUNG JAE LEE</td> <td>02/11/2014</td> </tr> <tr> <td>HYUN KYU YU</td> <td>02/11/2014</td> </tr> <tr> <td>BYUNG HUN MIN</td> <td>02/11/2014</td> </tr> <tr> <td>SEONG DO KIM</td> <td>02/11/2014</td> </tr> <tr> <td>HOAI NAM NGUYEN</td> <td>02/11/2014</td> </tr> <tr> <td>SANG GUG LEE</td> <td>02/11/2014</td> </tr> </tbody> </table>		Name	Execution Date	JUNG WOO PARK	02/11/2014	YOUNG JAE LEE	02/11/2014	HYUN KYU YU	02/11/2014	BYUNG HUN MIN	02/11/2014	SEONG DO KIM	02/11/2014	HOAI NAM NGUYEN	02/11/2014	SANG GUG LEE	02/11/2014
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SANG GUG LEE	02/11/2014																
RECEIVING PARTY DATA																	
Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE																
Street Address:	161 GAJEONG-DONG, YUSEONG-GU																
City:	DAEJEON																
State/Country:	KOREA, REPUBLIC OF																
PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14183513</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14183513												
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Application Number:	14183513																
CORRESPONDENCE DATA																	
Fax Number:	(202)408-0924																
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																	
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ATTORNEY DOCKET NUMBER:	CSL-157D1																

NAME OF SUBMITTER:	WILLIAM CURRY
Signature:	/William Curry/
Date:	02/19/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2 source=Declaration_15991#page1.tif source=Declaration_15991#page2.tif	

Attorney Reference:

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

WHEREAS PARK, Jung Woo, LEE, Young Jae, YU, Hyun Kyu, MIN, Byung Hun, KIM, Seong Do, NGUYEN, Hoai Nam and LEE, Sang Gug, hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

A DIRECT CONVERSION RECEIVER INCLUDING A CHARGE AREA DECIMATION FILTER.

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 161 Gajeong-dong, Yuseong-gu, Daejeon, 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.

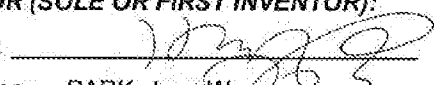
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

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 14<sup>th</sup> Street, N.W., Suite 500, Washington, D.C. 20005, Telephone: (202) 371-8976; Fax: (202) 408-0924, Customer No. 23995.

**WITNESS:**  
Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

**ASSIGNOR (SOLE OR FIRST INVENTOR):**  
Signature:   
Legal Name: PARK, Jung Woo  
Date: 2014. 2. 11

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR (SECOND INVENTOR):

Signature: Lee J  
Legal Name: LEE, Young Jae  
Date: 2014. 2. 11

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR (THIRD INVENTOR):

Signature: Hyun Kyu  
Legal Name: YU, Hyun Kyu  
Date: 2014. 2. 11

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR (FOURTH INVENTOR):

Signature: Min Byung Hun  
Legal Name: MIN, Byung Hun  
Date: 2014. 2. 11

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR (FIFTH INVENTOR):

Signature: Kim Seong Do  
Legal Name: KIM, Seong Do  
Date: 2014. 2. 11

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR (SIXTH INVENTOR):

Signature: Hoai Nam  
Legal Name: NGUYEN, Hoai Nam  
Date: 2014. 2. 11

WITNESS:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

ASSIGNOR (SEVENTH INVENTOR):

Signature: Song Gug  
Legal Name: LEE, Sang Gug  
Date: 2014. 2. 11

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