

## PATENT ASSIGNMENT

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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-YEOL OH</td><td>03/19/2007</td></tr><tr><td>JAE-YOUNG KIM</td><td>03/19/2007</td></tr><tr><td>BYUNG-JAE KWAK</td><td>03/19/2007</td></tr></tbody></table>	Name	Execution Date	JUNG-YEOL OH	03/19/2007	JAE-YOUNG KIM	03/19/2007	BYUNG-JAE KWAK	03/19/2007	
Name	Execution Date								
JUNG-YEOL OH	03/19/2007								
JAE-YOUNG KIM	03/19/2007								
BYUNG-JAE KWAK	03/19/2007								
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>11691057</td></tr></tbody></table>	Property Type	Number	Application Number:	11691057					
Property Type	Number								
Application Number:	11691057								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Richard J. Streit								
Total Attachments: 2 source=cu5627assign#page1.tif source=cu5627assign#page2.tif									

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PATENT  
REEL: 019065 FRAME: 0384

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**UNITED STATES OF AMERICA**  
**ASSIGNMENT**

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In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for the other good and valuable consideration,

**ASSIGNOR:**

**OH, Jung-Yeol** / #108-405 Hanaro Apt., Wolpyeong 3-dong, Seo-gu, Daejeon 302-748, Republic of Korea

**KIM, Jae-Young** / #812-1302 Yeolmae Maeul 8 Danji, Nocun-dong, Yuseong-gu, Daejeon 305-768, Republic of Korea

**KWAK, Byung-Jae** / #101-1403 Hyundai Green Apt., Hongje 3-dong, Seodaemun-gu, Seoul 120-783, Republic of Korea

hereby sells, assigns and transfers to

**ASSIGNEE: ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE**  
**ADDRESS:** 161, Gajeong-dong, Yuseong-gu, Daejeon 305-350, Republic of Korea

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the Application entitled

**CARRIER FREQUENCY RECOVERING APPARATUS USING PHASE SHIFT AND METHOD THEREOF**

which application was

☒ (a) executed by the undersigned on \_\_\_\_\_ even date herewith

☐ (b) filed as Serial No. \_\_\_\_\_ on \_\_\_\_\_

and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and

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스사시간 3월22일 1:51PM

deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/we have set our hand and seal

2007 - 03 - 19

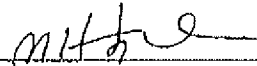
Date



INVENTOR OH, Jung-Yeol

2007 - 03 - 19

Date



INVENTOR KIM, Jae-Young

2007 - 03 - 19

Date



INVENTOR KWAK, Byung-Jae