

## 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>JEOUNG LAK HA</td> <td>03/11/2013</td> </tr> <tr> <td>SOON CHOUL KIM</td> <td>03/11/2013</td> </tr> <tr> <td>SEUNG CHUL KIM</td> <td>03/11/2013</td> </tr> <tr> <td>JUNG HAK KIM</td> <td>03/11/2013</td> </tr> <tr> <td>BUM SUK CHOI</td> <td>03/11/2013</td> </tr> <tr> <td>YOUNG HO JEONG</td> <td>03/11/2013</td> </tr> <tr> <td>JIN WOO HONG</td> <td>03/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	JEOUNG LAK HA	03/11/2013	SOON CHOUL KIM	03/11/2013	SEUNG CHUL KIM	03/11/2013	JUNG HAK KIM	03/11/2013	BUM SUK CHOI	03/11/2013	YOUNG HO JEONG	03/11/2013	JIN WOO HONG	03/11/2013
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RECEIVING PARTY DATA																	
Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE																
Street Address:	161 GAJEONG-DONG, YUSEONG-GU																
City:	DAEJEON																
State/Country:	KOREA, REPUBLIC OF																
Postal Code:	305-700																
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>13793015</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13793015												
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CORRESPONDENCE DATA																	
Fax Number:	3124276663																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	3124271300																
Email:	cskotnik@ladas.net																
Correspondent Name:	RICHARD J. STREIT																
Address Line 1:	LADAS & PARRY, 224 SOUTH MICHIGAN AVE.																
Address Line 4:	CHICAGO, ILLINOIS 60604																
ATTORNEY DOCKET NUMBER:	CU-70363 JRL/CS																

CH \$40.00 13793015

NAME OF SUBMITTER:

Loren K. Thompson

Total Attachments: 3

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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 other good and valuable consideration,

**ASSIGNOR:**

**Jeoung Lak HA**  
No. 6-205, Jugong Town House Apt., Doryong-dong, Yuseong-gu, Daejeon 305-340,  
Republic of Korea

**Soon Choul KIM**  
No. 805-1002, Yeolmae Maeul Apt., Noeun-dong, Yuseong-gu, Daejeon 305-768,  
Republic of Korea

**Seung Chul KIM**  
No.303-802, Jungang Heights Ville Apt., Gwanpyeong-dong, Yuseong-gu, Daejeon  
305-743, Republic of Korea

**Jung Hak KIM**  
No. 808-602, Daedeok Techno Valley Apt., Gwanpyeong-dong, Yuseong-gu, Daejeon  
305-791, Republic of Korea

**Bum Suk CHOI**  
No. 102-1405, Hanbit Apt., Eoeun-dong, Yuseong-gu, Daejeon 305-755, Republic of  
Korea

**Young Ho JEONG**  
No. 210-304, Daewoo Purgio Apt., Gwanpyeong-dong, Yuseong-gu, Daejeon 305-742,  
Republic of Korea

**Jin Woo HONG**  
No. 106-202, Purgio Apt., Yongsan-dong, Yuseong-gu, Daejeon 305-500, Republic of  
Korea

hereby sells, assigns and transfers to

**ASSIGNEE:**

Electronics and Telecommunications Research Institute

161 Gajeong-dong, Yuseong-gu, Daejeon 305-700, 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

**TITLE OF INVENTION:**

RANDOM BACKOFF APPARATUS AND METHOD FOR RECEIVING AUGMENTED CONTENT

and which is found in (37 CFR 3.21)

- (a) Not yet filed U.S. patent application executed on even date herewith
- (b) Not yet filed U.S. patent application executed on \_\_\_\_\_ (insert date of execution of Declaration)
- To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
- (c) U.S. patent or provisional patent application No. \_\_\_\_\_ filed on \_\_\_\_\_
- (d) International application No. \_\_\_\_\_ filed on \_\_\_\_\_

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

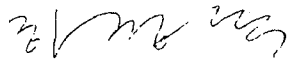
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

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, litigation or proceeding related thereto and will promptly execute and 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

Note: The date of signing must be the same as the date of execution of the application if item (a) was checked above.

Mar. 11 2013  
Date

  
INVENTOR Jeoung Lak HA

March 11, 2013  
Date

Soonchoul KIM  
INVENTOR Soon Choul KIM

March 11, 2013  
Date

Kim Seungchul  
INVENTOR Seung Chul KIM


March 11, 2013  
Date

Junghak Kim  
INVENTOR Jung Hak KIM

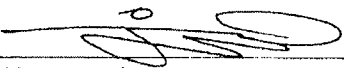
March 11, 2013  
Date

  
INVENTOR Bum Suk CHOI

March 11, 2013  
Date

  
INVENTOR Young Ho JEONG

Mar. 11, 2013  
Date

  
INVENTOR Jin Woo HONG

L&P 09/2012 (Assignment - entire interest - US rights only)