

**PATENT ASSIGNMENT**

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 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>TAE IN HWANG</td> <td>06/01/2009</td> </tr> <tr> <td>HO JIN PARK</td> <td>06/01/2009</td> </tr> <tr> <td>HAE RYONG LEE</td> <td>06/01/2009</td> </tr> <tr> <td>KWANG ROH PARK</td> <td>06/01/2009</td> </tr> </tbody> </table>		Name	Execution Date	TAE IN HWANG	06/01/2009	HO JIN PARK	06/01/2009	HAE RYONG LEE	06/01/2009	KWANG ROH PARK	06/01/2009
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<b>RECEIVING PARTY DATA</b>											
Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE										
Street Address:	161 GAJEONG-DONG, YUSEONG-GU										
City:	DAEJEON										
State/Country:	KOREA, REPUBLIC OF										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12490692</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12490692						
Property Type	Number										
Application Number:	12490692										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	(312)427-6663										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	CU-7598 WWP/NK										
NAME OF SUBMITTER:	Woochoon W. Park										
Total Attachments: 2 source=cu7598assign#page1.tif source=cu7598assign#page2.tif											

CH \$40.00 12490692

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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:**

- 1) Tae in HWANG of Electronics and Telecommunications Research Institute,  
161 Gajeong-dong, Yuseong-gu, Daejeon 305-350, Republic of Korea;
- 2) Ho Jin PARK of Electronics and Telecommunications Research Institute,  
161 Gajeong-dong, Yuseong-gu, Daejeon 305-350, Republic of Korea;
- 3) Hae Ryong LEE of Electronics and Telecommunications Research Institute,  
161 Gajeong-dong, Yuseong-gu, Daejeon 305-350, Republic of Korea; and
- 4) Kwang Roh PARK of Electronics and Telecommunications Research Institute,  
161 Gajeong-dong, Yuseong-gu, Daejeon 305-350, Republic of Korea

hereby sells, assigns and transfers to

**ASSIGNEE:** Electronics and Telecommunications Research Institute  
of 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:

**METHOD AND APPARATUS FOR MULTICASTING CONTENTS BETWEEN  
DEVICES IN NETWORKS**

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 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, we have set our hand and seal

June 1, 2009

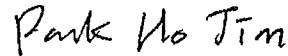
Date



Tae in HWANG

June 1, 2009


Date



Ho Jin PARK

June 1, 2009

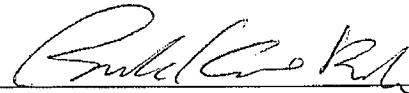
Date



Hae Ryong LEE

June 1, 2009

Date



Kwang Roh PARK