

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Tae Jung KIM</td> <td>07/12/2012</td> </tr> <tr> <td>Chang Ki KIM</td> <td>07/12/2012</td> </tr> <tr> <td>Jeong Ju YOO</td> <td>07/12/2012</td> </tr> <tr> <td>Young Ho JEONG</td> <td>07/11/2012</td> </tr> <tr> <td>Jin Woo HONG</td> <td>07/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	Tae Jung KIM	07/12/2012	Chang Ki KIM	07/12/2012	Jeong Ju YOO	07/12/2012	Young Ho JEONG	07/11/2012	Jin Woo HONG	07/11/2012
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Young Ho JEONG	07/11/2012												
Jin Woo HONG	07/11/2012												
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>13554643</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13554643								
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Application Number:	13554643												
CORRESPONDENCE DATA													
Fax Number:	(630)908-7653												
Phone:	630 908 7652												
Email:	uspto.actions@wwplaw.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	William Park & Associates LTD.												
Address Line 1:	930 N. York Road, Suite 201												
Address Line 4:	Hinsdale, ILLINOIS 60521												
ATTORNEY DOCKET NUMBER:	PA0803-0												
NAME OF SUBMITTER:	Woochoon W. Park												
Total Attachments: 3 source=PA0803-0_Assignment#page1.tif source=PA0803-0_Assignment#page2.tif source=PA0803-0_Assignment#page3.tif													

OP \$40.00 13554643

DOCKET:
IP20111445

PATENT

ASSIGNMENT OF APPLICATION

Now, therefore, in consideration of the sum of one dollar (\$1), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the assignor(s)

ASSIGNOR(S)

KIM, Tae Jung
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HONG, Jin Woo
106-202 Daedeok Techno Valley Purgiohaim Apt., 722 Yongsan-dong,
Yuseong-gu, Daejeon-si, 305-500, Republic of Korea

by these presents do sell, assign and transfer unto said assignee

ASSINGEE(s)

Electronics and Telecommunications Research Institute
161 Gajeong-dong, Yuseong-gu, Daejeon-si 305-700 Republic of Korea

and the heirs, successors, assigns and legal representatives of the assignee the full and exclusive right to the said invention in the United States which are disclosed in the U.S. patent application titled

**FAST MODE DETERMINING METHOD AND APPARATUS IN SCALABLE
VIDEO CODING**

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for which an application for a United States Patent was filed on _____
Application Number _____; or

for which an application for a United States Patent was executed by the
undersigned on _____

and any and all improvements thereof, the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and for the use of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

The assignor(s) agree promptly upon request of the Assignee, its heirs, successors, assigns and legal representatives of the assignee to communicate any facts known to it respecting the patent and the invention set forth therein, and to execute and deliver without further compensation any power of attorney, Assignment, application, whether original, continuation, divisional or reissue, or other papers that may be necessary or fully

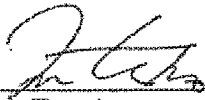
Assignor(s) hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

Assignor(s) 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(s) 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.

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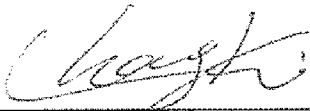
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ASSIGNOR SIGNATURE(S)



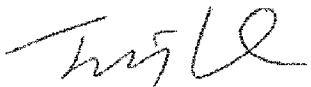
KIM, Tae Jung

July 12, 2012.
Date




KIM, Chang Ki

2012. 7. 12
Date




YOO, Jeong Ju

July 12, 2012
Date



JEONG, Young Ho

July 11, 2012
Date



HONG, Jin Woo

July 11, 2012
Date