

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Pan-Soo KIM	06/01/2009
Dae-Ig JANG	06/01/2009
Deock-Gil OH	06/01/2009
Ho-Jin LEE	06/01/2009

**RECEIVING PARTY DATA**

Name:	Electronics and Telecommunications Research Institute
Street Address:	161 Gajeong-dong, Yusong-gu
City:	Daejeon-city
State/Country:	REPUBLIC OF KOREA
Postal Code:	305-350

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12517432

**CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	YPL-0634-ET
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NAME OF SUBMITTER:	JAE Y. PARK
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Total Attachments: 2  
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CH \$40.00 12517432

**500926306**

**PATENT  
 REEL: 023039 FRAME: 0137**



ATTORNEY DOCKET NO.

UNITED STATES PATENT RIGHTS, OR  
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

## ASSIGNMENT

Application No. \_\_\_\_\_ Filed: \_\_\_\_\_

**Insert Name(s)  
of Inventor(s)** Pan-Soo KIM; Dae-Ig JANG; Deock-Gil OH; Ho-Jin LEE,

WHEREAS, (hereinafter designated as the undersigned) has (have) invented certain new and useful  
improvements in

**Insert Title  
of Invention**

APPARATUS AND METHOD FOR ACQUIRING FRAME SYNCHRONIZATION AND FREQUENCY  
SYNCHRONIZATION SIMULTANEOUSLY IN COMMUNICATION SYSTEM

(hereinafter "said invention") for which an application for Letters Patent of the United States of America has  
been filed on \_\_\_\_\_, and assigned Application No. \_\_\_\_\_; and

**Insert Name  
of Assignee**

WHEREAS, Electronics and Telecommunications Research Institute

**Insert Address  
of Assignee**

of 161 Gajeong-dong, Yusong-gu, Daejeon-city 305-350 Republic of Korea

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of  
acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that  
may be granted therefor in the United States of America and

**CHECK BOX  
IF APPROPRIATE**

in any foreign countries.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the  
receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has  
(have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee  
the full and exclusive right to the said invention in the United States of America, its territories, dependencies  
and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be  
granted therefor in the United States of America, its territories, dependencies and possessions, and if the box  
above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or  
terms for which the same may be granted.

ATTORNEY DOCKET NO.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.



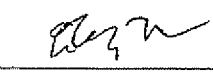
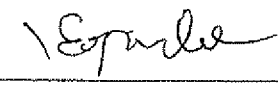
The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Muncy, Geissler, Olds & Lowe PLLC the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>June 1, 2009</u>	Name of Inventor <u></u> Pan-Soo KIM
Date <u>June 1, 2009</u>	Name of Inventor <u></u> Dae-Ig JANG
Date <u>June 1, 2009</u>	Name of Inventor <u></u> Deock-Gil OH
Date <u>June 1, 2009</u>	Name of Inventor <u></u> Ho-Jin LEE