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U.S. DEPARTMENT OF COMMERCE  
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103317242

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

9.28.06

**1. Name of conveying party(ies)/Execution Date(s):**

- 1) LEE, Yong Ju Sep. 22, 2006
- 2) MIN, Ok Gee Sep. 21, 2006
- 3) KIM, Jung Keun Sep. 21, 2006

Execution Date(s) \_\_\_\_\_

Additional name(s) of conveying party(ies) attached?  Yes  No

**3. Nature of conveyance:**

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: ELECTRONICS AND TELECOMMUNICATIONS

Internal Address: RESEARCH INSTITUTE

Street Address: 161 Gajeong-dong,

Yuseong-gu, Daejeon, Republic of

Korea  
City: \_\_\_\_\_

State: \_\_\_\_\_

Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

40,000,000

(40,000,000)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Woochoon W. Park

Internal Address: \_\_\_\_\_

Street Address: c/o Ladas & Parry

224 South Michigan Avenue

City: Chicago

State: Illinois Zip: 60604

Phone Number: (312) 427-1300

Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 12-0400

Authorized User Name Ladas & Parry LLP

**9. Signature:**

September 28, 2006

Date

Woochoon W. Park

Signature

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

11/26/06 U.S. PTO  
11/5/28905

092806

PATENT

REEL: 018366 FRAME: 0605

**RECORDATION FORM COVER SHEET - PATENTS - (cont.)**

**1. Name of conveying party(ies): (cont.)**

- |    |                 |               |
|----|-----------------|---------------|
| 4. | JEONG, Jin Hwan | Sep. 21, 2006 |
| 5. | PARK, Choon Seo | Sep. 21, 2006 |
| 6. | KIM, Hag Young  | Sep. 21, 2006 |
| 7. | KIM, Myung Joon | Sep. 21, 2006 |

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

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:**

LEE, Yong Ju

407-1804 Youlmaemaoul Apt., Jijok-dong, Yusong-gu, Daejeon, Republic of Korea

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KIM, Hag Young

202-1704 Yangji maoul Apt., Banseok-dong, Yusong-gu, Daejeon, Republic of Korea

KIM, Myung Joon

393-17 Doryong-dong, Yusong-gu, Daejeon, Republic of Korea

hereby sells, assigns and transfers to

**ASSIGNEE:****ELECTRONICS & TELECOMMUNICATIONS RESEARCH INSTITUTE**

161 Gajeong-dong, Yusong-gu, Daejeon, 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

**FRACTIONAL CACHING METHOD AND ADAPTIVE CONTENTS TRANSMITTING METHOD USING THE SAME**

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;

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.

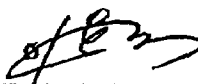
ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

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, I/we have set our hand and seal

2006/09/22

Date



INVENTOR: Yong Ju Lee

2006/9/21

Date



INVENTOR: Ok Gee Min

2006/9/21

Date



INVENTOR: Jung Keun Kim

2006/09/21

Date



INVENTOR: Jin Hwan Jeong

2006/09/21

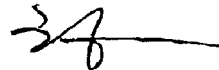
Date



INVENTOR: Choon Seo Park

2006/09/21

Date



INVENTOR: Hag Young Kim

Sept. 21. 2006

Date



INVENTOR: Myung Joon Kim