

# PATENT ASSIGNMENT

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|                              |                |
|------------------------------|----------------|
| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT |
| <b>NATURE OF CONVEYANCE:</b> | ASSIGNMENT     |

**CONVEYING PARTY DATA**

| Name            | Execution Date |
|-----------------|----------------|
| Dong Seung KWON | 06/26/2009     |
| Choongil YEH    | 06/26/2009     |
| Min Sik SEO     | 06/26/2009     |
| Young Seog SONG | 06/26/2009     |
| Byung-Jae KWAK  | 06/26/2009     |
| Ji Hung KIM     | 06/26/2009     |
| Wooram SHIN     | 06/26/2009     |
| Hong-Yeop SONG  | 06/26/2009     |
| Jung-Hyun KIM   | 06/26/2009     |
| Mi-Young NAM    | 06/26/2009     |

**RECEIVING PARTY DATA**

|                        |   |
|------------------------|---|
| <b>Name:</b>           | Electronics and Telecommunications Research Institute |
| <b>Street Address:</b> | 161, Gajeong-dong, Yuseong-gu                         |
| <b>City:</b>           | Daejeon   |
| <b>State/Country:</b>  | REPUBLIC OF KOREA                                     |
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| <b>Street Address:</b>   | Yonsei University, 134                                      |
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| <b>City:</b>             | Seoul   |
| <b>State/Country:</b>    | REPUBLIC OF KOREA   |
| <b>Postal Code:</b>      | 120-749   |

**PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12497114 |

CH \$40.00 12497114

**500903290**

**PATENT**  
**REEL: 022918 FRAME: 0541**

**CORRESPONDENCE DATA**

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**ATTORNEY DOCKET NUMBER:**

2033.1061

**NAME OF SUBMITTER:**

J. Randall Beckers

**Total Attachments: 4**

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Docket No.

**U.S. ASSIGNMENT**

S&amp;H 1/00

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by  
(Insert Name(s) & Address(es) of ASSIGNEE(S))

**ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE**

161, Gajeong-dong, Yuseong-gu, Daejeon 305-350, Republic of Korea  
and

**Industry-Academic Cooperation Foundation, Yonsei University**

Yonsei University, 134, Shinchon-dong, Seodaemun-gu, Seoul 120-749, Republic of Korea

(hereinafter, "ASSIGNEE(S)"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE(S) the entire and exclusive right, title and interest to the invention entitled  
(Title of Invention)

**METHOD FOR DECODING USING DYNAMIC SCHEDULING SCHEME FOR  
LOW DENSITY PARITY CHECK CODES AND APPARATUS THEREOF**

relating to International Patent Application \_\_\_\_\_ and/or for which  
application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on ;

(Insert date of execution of application, if not concurrent)

(b) filed on ,

Serial No. ;

Any registered attorney of STAAS & HALSEY LLP, 1201  
New York Avenue, N.W., Suite 700 Washington, D.C.  
20005 (202/434-1500) is hereby authorized to insert in (b)  
the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

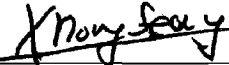
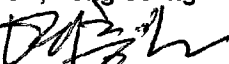

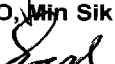

The ASSIGNOR agree(s), when requested by said ASSIGNEE(S) and without charge to but at the expense of said ASSIGNEE(S), to do all acts which the ASSIGNEE(S) may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name &amp; Signature of Inventor(s))

(Date)

(Typed Name &amp; Signature of Witness(es))

|  |               |  |
|--|---------------|--|
| 1) <br>KWON, Dong Seung | June 26, 2009 |  |
| 2) <br>YEH, Cheongil    | June 26, 2009 |  |
| 3) <br>SEO, Min Sik     | June 26, 2009 |  |
| 4) <br>SONG, Young Seog | June 26, 2009 |  |
| 5) <br>KWAK, Byung-Jae  | June 26, 2009 |  |

■ Additional inventors are being named on separately numbered sheets attached hereto.

Docket No.

**U.S. ASSIGNMENT**

9&amp;H 1/00

- 6) Kim Jihyung June 26, 2009  
KIM, Ji Hung
- 7) Shin Wooram June 26, 2009  
SHIN, Wooram
- 8) \_\_\_\_\_  
SONG, Hong-Yeop
- 9) \_\_\_\_\_  
KIM, Jung-Hyun
- 10) \_\_\_\_\_  
NAM, MI-Young

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(Date)

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
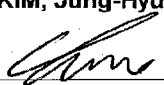
- |    |                  |  |  |
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| 2) | YEH, Choongil    |  |  |
| 3) | SEO, Min Sik     |  |  |
| 4) | SONG, Young Seog |  |  |
| 5) | KWAK, Byung-Jae  |  |  |

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KIM, Ji Hung
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- 8)  \_\_\_\_\_ June 26, 2009  
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- 9)  \_\_\_\_\_ June 26, 2009  
KIM, Jung-Hyun
- 10)  \_\_\_\_\_ June 26, 2009  
NAM, Mi-Young

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