

2-24-05

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102955471

TO THE COMMISSIONER OF THE U.S. PAT
Sir:

Please record the attached original documents or copy thereof as follows:

1. NAME OF CONVEYING PARTIES [ASSIGNOR(S)]:a. Bub Joo KANG
c. Sangsung CHOI
e.
g.b. Kyu Min KANG
d. Kwang Roh PARK
f.
h.ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO**2. PARTIES [ASSIGNEE(S)] RECEIVING INTEREST:**

NAME: ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE

ADDRESS: 161 Kajong-Dong, Yusong-Gu, Taejon, 305-350, Korea

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO**3. NATURE OF CONVEYANCE/DOCUMENT:**

<input checked="" type="checkbox"/> ASSIGNMENT OF	<input checked="" type="checkbox"/> WHOLE or	<input type="checkbox"/> PART INTEREST
<input checked="" type="checkbox"/> ORIGINAL	<input type="checkbox"/> FACSIMILE/PHOTOCOPY	
<input type="checkbox"/> CHANGE OF NAME	<input type="checkbox"/> VERIFIED TRANSLATION	
<input type="checkbox"/> SECURITY	<input type="checkbox"/> MERGER	<input type="checkbox"/> OTHER:

Execution Date(s) on the Conveyance/Document: **January 4, 2005**Execution Date(s) on the Declaration (if filed herewith): **January 4, 2005****4. APPLICATION AND/OR PATENT NUMBER(S):**Additional sheets attached? ☐ YES ☒ NO

a. Application Number(s)	Matter No.	First Inventor	b. Patent Number(s)	Matter No.	First Inventor
New Application	123056-05022949	Bub Joo KANG			

5. NAME & ADDRESS OF PARTY TO WHOM CORRESPONDENCE CONCERNING DOCUMENT SHOULD BE MAILED:Customer No. 43569
Mayer, Brown, Rowe & Maw LLP
Intellectual Property Group
1909 K Street, N.W.
Washington, D.C. 20006-1101**6. NUMBER OF PROPERTIES INVOLVED:**Applns 1 + Patents 0 = Total: 1**7. AMOUNT OF FEE DUE:**Above Total 1 x \$40 = \$ 40 (Fee Code 8021)**8. PLEASE CHARGE TO:**DEPOSIT ACCOUNT NO. 503-121

Under Order No.

123056-05022949

Matter No.

9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.**10. TOTAL NUMBER OF PAGES** (including cover sheet, attachments and documents): 2


Signature

Name of Attorney: Yoon Ham

Registration No. 00000102-003121 11063583

Date: **February 24, 2005**

Telephone: (202) 263-3280 / Facsimile: (202) 263-5280

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FILE WITH PTO RETURN RECEIPT (PAT-103A)

113010 U.S. PTO
11/063583
022405PATENT
REEL: 016331 FRAME: 0104

Please return signed/recorded to:

Atty Reference: 123056-05022449

Mayer Brown Rowe & Maw LLP
Intellectual Property Group
1909 K Street, N.W.
Washington, D.C. 20006

Client Reference: X 2071/P04/ETUS

ASSIGNMENT OF NONPROVISIONAL APPLICATION

WHEREAS, the undersigned hereby:

INSERT
NAME(S) OF
INVENTOR(S)

(1) Bub Joo Kang

(3) Sangsung CHOI

(5)

(2) Kyu Min KANG

(4) Kwang Roh PARK

☐ x box if continued on page 2

(collectively hereinafter "ASSIGNOR") has/have made an invention entitled:

TITLE OF
INVENTION

CODE ACQUISITION DEVICE AND METHOD USING TWO-STEP SEARCH PROCESS IN DS-CDMA UWB MODEM

for which an application for Letters Patents of the United States of America:

(Note: Complete A or B)

(A) ☒ was executed on even date herewith and will be filed in the U.S. Patent & Trademark Office; or

(B) ☐ was filed on _____ as Application No. _____

AND WHEREAS,

INSERT
NAME(S) AND
ADDRESS(ES) OF
ASSIGNEE(S)

ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE

161 Kajong-Dong, Yusong-Gu, Taejon, 305-350, Korea

(hereinafter "ASSIGNEE"), duly organized and existing under the laws of Republic of Korea, desires to acquire an interest therein of the above-identified invention;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives;

AND ASSIGNOR hereby agrees, without further remuneration, to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential for ASSIGNEE's full protection and title in and to the invention hereby transferred; and

Additionally, the undersigned further authorize(s) Mayer Brown Rowe & Maw LLP, 1909 K Street, N.W., Washington, D.C. 20006, to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS

DATE SIGNED

WITNESSES

1) 康 浩 周
Name: Bub Joo KANG

2005.01.04

2) Kang
Name: Kyu Min KANG

2005.01.04

3) choi
Name: Sangsung CHOI

2005.01.04

4) Park
Name: Kwang Roh PARK

2005.01.04

5) _____
Name: _____

RECORDED: 02/24/2005

PATENT
REEL: 016331 FRAME: 0105