

08-25-2006

MAIL STOP ASSIGNMENTS



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103297145

TO THE COMMISSIONER OF THE U.S. PATENT &amp; TRADEMARK OFFICE

Sir:

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

**1. NAME OF CONVEYING PARTIES [ASSIGNOR(S)]:**

a. Sang-Jung RA

c. Soo-In LEE

e.

g.

b. O-Hyung KWON

d.

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

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

- ☒ Assignment  
☐ Change of Name  
☐ Other:

Assignment of:  
☐ Part interest  
☒ Whole interest

Conveyance document attached is a:

- ☒ Copy  
☐ Original  
☐ Certified document

Execution Date(s) on the Conveyance/Document: **July 7, 2006**Execution Date(s) on the Declaration (if filed herewith): **July 7, 2006****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	123037-06102153	Sang-Jung RA			

**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

**123037-06102153**

No.

Client/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 S. Ham**Registration No. **45,307**Date: **August 21, 2006**

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

08/24/2006 DBYRME 00000138 503121 11504970 WITH PTO RETURN RECEIPT (PAT-103A)

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**PATENT**  
**REEL: 018215 FRAME: 0357**

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

Client Reference: P05EB055/US

**ASSIGNMENT OF NONPROVISIONAL APPLICATION**

WHEREAS, the undersigned hereby:

INSERT  
NAME(S) OF  
INVENTOR(S)

(1)RA, Sang-Jung	(2)KWON, O-Hyung
(3)LEE, Soo-In	(4)
(5)	<input type="checkbox"/> x box if continued on page 2

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

TITLE OF  
INVENTION

AUTOMATIC GAIN CONTROL APPARATUS OF CABLE MODEM, AND  
LOCK-TIME ACQUISITION METHOD USING THE SAME

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)

Name: ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE

Address: 161, Gajeong-dong, Yuseong-gu, 305-350 Daejeon, Republic of 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)	<u>RA, Sang-Jung</u>	<u>2006.7.17.</u>	
Name:	RA, Sang-Jung		
2)	<u>Kwon, O-Hyung</u>	<u>July 7, 2006</u>	
Name:	KWON, O-Hyung		
3)	<u>Lee, Soo In</u>	<u>July 7, 2006</u>	
Name:	LEE, Soo-In		
4)			
Name:			
5)			
Name:			

**PATENT****RECORDED: 08/21/2006****REEL: 018215 FRAME: 0358**