

## Commissioner of Patents &amp; Trademarks

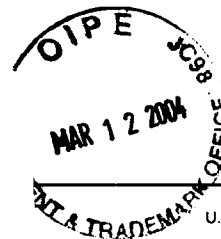
Form PTO-1595

(Rev. 03/01)

03-17-2004



102696186....



Alexandria, VA 22313

U.S. DEPARTMENT OF COMMERCE

U.S. PATENT AND TRADEMARK OFFICE

To the honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof:

## 1. Name of Conveying Party(ies):

**ELECTRONICS AND TELECOMMUNICATIONS  
RESEARCH INSTITUTE****KOREA TELECOMMUNICATION AUTHORITY**Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and Address of Receiving Party(ies):

Name: **ELECTRONICS AND TELECOMMUNICATIONS  
RESEARCH INSTITUTE**Street Address: **161, Gajung-Dong, Yusong-Ku**City: **Daejeon**State/Country: **Korea** Postal Code: **305-350**Additional name(s) and addresses attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

☒ Assignment☐ Change of Name☐ Security Agreement☐ Other:☐ MergerExecution Date: **02112004**

## 4. Application Number(s) or Patent Number(s):

☐ Assignment is being filed together with new application and the first execution date of application is :☒ Application has been filed already and the application filing date is: **09191996**

A. Patent Application Number(s):

**717,733**

B. Issued Patent Number(s):

**5,694,179**Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning this matter should be mailed:

**CUSTOMER NUMBER 00136 -or-****JACOBSON HOLMAN PLLC  
400 Seventh Street, N.W.  
Washington, D.C. 20004-2218  
Tel. 202-638-6666**Attorney Docket Number: **P61050US1**

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

**1**7. Total Fee (37 CFR 3.41): **\$ 40.00**☒ Enclosed☒ Any deficiencies in enclosed fees are authorized to be charged to **Deposit Account No. 06-1358.**

DO NOT USE THIS SPACE

## 8. Statement and Signature:

*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.***Yoon S. Ham/45,307****March 12, 2004**

Name of Person Signing, Reg. No.

Signature

Date

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

**-4-**

JCH 103-2/02

00000049 5694179

40.00 DP

**PATENT  
REEL: 015074 FRAME: 0401**

## ASSIGNMENT

WHEREAS, ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, an Institute of Republic of Korea, located at 161, Gajung-Dong, Yusong-Ku, Daejeon, Republic of Korea, and KOREA TELECOMMUNICATION AUTHORITY, a Corporation of Republic of Korea, located at 100 Sejongno, Chongno-ku, Seoul, Korea, (hereinafter Assignors) own U.S. Letters Patent 5,694,179 by virtue of an Assignment recorded September 19, 1996 on Reel 8183, Frame 0074; and

WHEREAS, ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, an Institute of Republic of Korea, located at 161, Gajung-Dong, Yusong-Ku, Daejeon, Republic of Korea, (hereinafter Assignee), is desirous of acquiring the complete title and interest in said Letters Patent;

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors by these presents do sell, assign and transfer unto said Assignee, its successors, legal representatives, heirs and assigns the entire right, title and interest in the United States to said invention as described in Letter Patent 5,694,179, and all re-issues, or extensions of said Letters Patent to be held and enjoyed by said Assignee for its own use, or for its legal representatives, successors, heirs, and assigns to the full end of the term for which said Letters Patent is granted, and any extensions thereof, as fully and entirely as the same would have been held by said Assignors had this assignment and sale not been made, and for the same consideration said Assignors hereby covenant and agree that at the time of execution and delivery of this instrument it is the lawful owner of the complete right, title and interest in and to said invention and said Letters Patent above mentioned, and its interest is unencumbered and that it has good and full right and lawful authority to sell and convey its interest in the manner set forth herein; and for the same consideration Assignors hereby covenant and agrees that it will, when ever counsel for said Assignees, or counsel for their legal successors, legal representatives, heirs or

assigns shall advise that any proceedings in connection with said Letters Patent or any re-issue or extension of said Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, make all lawful oaths, and do all acts necessary as required to be done for the procurement, maintenance, enforcement and defense of said Letters Patent, without charge to said Assignors, its successors, legal representatives, heirs and assigns, but at the expense of said Assignees, their successors, legal representatives, heirs and assigns.

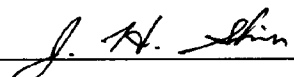
Assignors hereby further assign to Assignees all claims and causes of action for infringement of the patent rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement.

Assignors hereby grant(s) the law firm of Jacobson Holman, PLLC, 400 Seventh Street, N.W., Washington, D.C. 20004, 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 United States Patent and Trademark Office for recordation of this document.

(1) Assignor:

Electronics and Telecommunication Research Institute

Date: February 11, 2004

Signature: 

Name : SHIN, JUNG-HYUK

Title : Team Manager of IP Management Team

(2) Assignor:

Korea Telecommunication Authority

Date: Feb. 11, 2004

Signature: \_\_\_\_\_

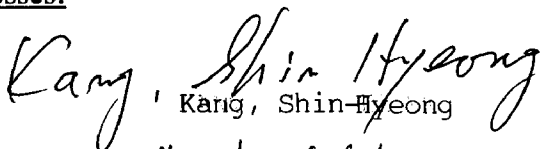


Name : KIM, YOUNG-HWAN

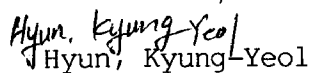
Title : Director  
Knowledge Management Team  
Technology Group

Witnesses:

(1)

  
Kang, Shin-Hyeong

(2)

  
Hyun, Kyung-Yeol



Atty. Ref.: P61050US1

YSH/kyc