Form PTO-1595 1-31-92



Commissioner of Patents and Trademarks

10-17-2002

102251980

Our Ref.: 2150-28

Box Assignment, Washington, D.C. 20231 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Electronics and Telecommunications Research Institute Name: 50% interest to KT Corporation 10-9-02 Internal Address: Street Address: 206 Jungja-Dong, Bundang-Gu Seongnam Additional name/s of conveying party/ies attached? 3. Nature of conveyance: City: Kyunggi-Do State/Country: Korea Merger Security Assignment Change of Name Other **Execution Date:** September 17, 2002 Additional name/s & address/es attached? \(\subseteq \text{Yes} \) \(\subseteq \text{No} \) 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s). B. Patent No(s). (1) 5.862 143 (1)(2)(3)Additional numbers attached Yes No 6. Total number of applications & patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41) 40.00 □ Enclosed Authorized to be charged to deposit account #14-1140 Internal Address: 8. The Commissioner is hereby authorized to charge any Street Address: Nixon & Vanderhye P.C. deficiency in the fee(s) filed, or asserted to be filed, or which 1100 North Glebe Road should have been filed herewith (or with any paper thereafter 8th Floor filed in this application by this firm) to our Account No. City: Arlington State: VA 14-1140. DO NOT USE THIS SPACE 9. Statements 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. Gignature October 9, 2002

Date Larry S. Nixon Name of Person Signing

Total number of pages including **original** cover sheet, attachments, and document:

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Reg. No. 25,640

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PATENT REEL: 013372 FRAME: 0846

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DEED OF ASSIGNMENT

By this instrument, Electronics and Telecommunications Research Institute, an organization duly organized and existing under the laws of the Republic of Korea and having its principal office at 161 Kajong-Dong, Yuisong-Gu, Taejon, Republic of Korea assigns and transfers to

KT Corporation, a corporation duly organized and existing under the laws of the Republic of Korea and having its principal office at 206 Jungja-Dong, Bundang-Gu, Seongnam Kyunggi-Do, Korea a half of its rights, titles and interests in the below patent together with all goodwill:

U.S. Patent No.: 5,862,143

Date of Patent: January 19, 1999

Title: BITE ALIGNER AND FRAME SYNCHRONIZER

FOR 622MBIT/S HIGH-SPEED DATA

Executed this 17th day of September, 2002

Assignor : Electronics and Telecommunications

Research

Institute

Representative, Hyong Ku YOON Hypnjku from

Assignee: KT Coporation

Representative, Jong Si KIM Kim, Jong Si

PATENT
RECORDED: 10/09/2002 REEL: 013372 FRAME: 0847