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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Seong Rag Kim; Young-Ho Jung; In-Kyeong Choi; Yong Hoon Lee

4-24-03

Additional name(s) of conveying party(ies) attached?

☒ No ☐ Yes

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 12/30/02

2. Name and address of receiving party(ies):

Name: **Electronics and Telecommunications Research Institute**

Internal Address:

Street Address: **161, Gajeong-dong, Yuseong-gu**City: **Daejeon 305-350** State: ZIP:Country: **Republic of Korea**Additional name(s) & address(es) attached? ☐ No ☒ Yes

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)

10/334,634

B. Patent No.(s)

Additional numbers attached? ☒ No ☐ Yes

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Blakely, Sokoloff, Taylor & Zafman LLP**

Internal Address:

Street Address: **12400 Wilshire Boulevard
7th Floor**City: **Los Angeles** State: **CA** ZIP: **90025**6. Total number of applications and patents involved: **1**7. Total Fee (37 CFR 3.41).....\$ **40.00**

- ☐ Enclosed
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*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.***Eric S. Hyman**

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Total number of pages including cover sheet, attachments, and document: **7**

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04/28/2003 LNUJELLER 00000076 10334634

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Docket No. 51876P334

Page 1 of 2

PATENT
REEL: 013994 FRAME: 0335

**Korea Advanced Institute of Science and Technology
373-1 Guseong-dong, Yuseong-gu
Daejeon 305-701,
Republic of Korea**

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged , the undersigned,

KIM, Seong Rag ; JUNG, Young Ho ; CHOI, In-Kyeong and LEE, Yong Hoon

Hereby sells, assigns, and transfers to:

**Electronics and Telecommunications Research Institute
and Korea Advanced Institute of Science and Technology**

a corporation of Republic of Korea, having a principal place of business at:

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

373-1 Guseong-dong, Yuseong-gu, Daejeon 305-701, Republic of Korea

("Assignee"), and its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent,

[] which has been executed by the undersigned concurrently herewith,

[X] which was filed Dec . 31 , 2002 and assigned Serial No 10/334634

and is entitled: DATA TRANSMISSION APPARATUS FOR DS/CDMA SYSTEM
EQUIPPING MIMO ANTENNA SYSTEM

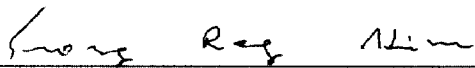
and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

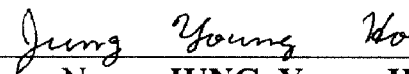
Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein

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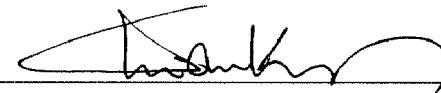
Date: Dec. 27, 2002


Name: **KIM, Seong Rag**

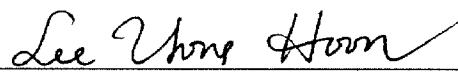
Date: Dec. 30, 2002


Name: **JUNG, Young Ho**

Date: Dec. 30, 2002


Name: **CHOI, In-Kyeong**

Date: Dec. 30, 2002


Name: **LEE, Yong Hoon**

Date: _____, 2002

Name:

Date: _____, 2002

Name: