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11-22-1999

Docket No.: 967.37822X00

FORM PTO-1595
1-31-92



SHEET

U.S. DEPARTMENT OF
COMMERCE
Patent and Trademark Office

101207436

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

1. Name of conveying party(ies):

Kyung Hi CHANG Yang Gi KANG
Hyung Rae PARK Youn Ok PARK
Mun Geon KYEONG
Fung Soon SHIN

Additional name(s) of conveying party(ies) attached? Yes No

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

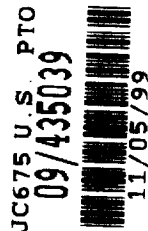
Name: Electronics and Telecommunications Research Institute

Street Address: 161 Kajong-Dong, Yusong-Gu

City: Taejon, 305-350

Country: KOREA

Additional name(s) & address(es) attached? Yes No



3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: October 11, 1999

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: October 11, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP

Internal Address:

Street Address: 1300 North Seventeenth Street
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City: Arlington State: VA Zip: 22209

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)\$40.00

- Enclosed
- Any deficiencies may be charged to deposit account
- Authorized to be charged to deposit account

8. Deposit account number: **01-2135**

(Attach duplicate copy of this page if paying by deposit account)

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9. 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.

Alan E. Schiavelli
Name of Person Signing

Signature

November 5, 1999
Date

Attorney Registration No. 32,087

Total number of pages including cover sheet, attachments, and document: 4

OMB No. 0651-0011 (exp. 4/94)

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE of 161 Kajong-Dong, Yusong-Gu, Taejon, 305-350, Korea its successors and assigns or other legal representatives

all my rights, title and interest, in and for the United States of America, in and to the invention entitled: HARDWARE-EFFICIENT DEMODULATOR FOR CDMA ADAPTIVE

ANTENNA ARRAY SYSTEMS

invented by me/us and described in this application for United States Letters Patent therefor, the specification of which

(check one) is attached hereto

was filed on _____ as

Application serial No. _____

and was amended on _____

(if applicable)

and all continuations, and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Assignee, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I/we hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Assignee.

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1999.10.11

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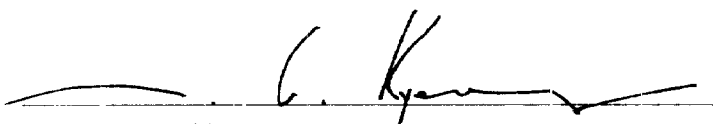
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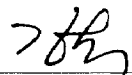
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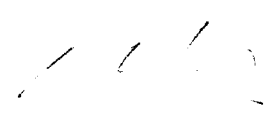
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