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102187277

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

1. Name of conveying party(ies):

Kyung-tae Han; Ik-soo Eo; Hee-bum Jung;
Kyung-soo Kim

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

☒ No ☐ Yes

3. Nature of Conveyance:

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

Execution Date: 01/25/2002 and 01/29/2002

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

Name: Electronics and Telecommunications
Research Institute

Internal Address: _____

Street Address: 161, Gajeong-dong

City: Yusong-gu, Daejeon 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: 1/25/2002
1/29/2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

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: 17. Total Fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit Account Number:

02-2666

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9. Statement and signature.

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

Name of Person Signing

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Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

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Washington, D.C. 20231

08/12/2002 LMEILLER 00000181 10211416

01 FC:581

40.00 UP

Docket No. 2013P045

PATENT
REEL: 013168 FRAME: 0558

10/211416

08/01/02

ASSIGNMENT

In consideration of the receipt of good and valuable consideration in hand paid, the rec and sufficiency of which is hereby acknowledged, the undersigned,

(1) Kyungtae Han (5) _____
(2) Ik-soo Eo (6) _____
(3) Hee-bum Jung (7) _____
(4) Kyung-soo Kim (8) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto
Electronics and Telecommunications Research Institute of 161, Gajeong-dong
Yusong-gu, Daejeon, Rep. of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

APPARATUS FOR SEARCHING MULTIPATH IN SPREAD SPECTRUM COMMUNICATIONS SYSTEM AND METHOD THEREOF

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____;
or

(b) for which an application for United States Letters Patent was executed on January 25, 2002 ²⁰⁰² ~~January 20, 2002~~

and the undersigned hereby authorize and request the United States Commissioner of Patent and Trademark issue any and all United States Letters Patents which may be granted therefor and any and all extensions, divis reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Conve for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, as and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter ac behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in ma application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon re of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in an any improvements, and applications for patent based thereon, growing out of or related to the said invention; an execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essenti ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED of the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>Kyungtae Han</u> Name: Kyungtae Han	<u>01/29/2002</u>
2) <u>Ik-soo Eo</u> Name: Ik-soo Eo	<u>01/25/2002</u>
3) <u>Hee-bum Jung</u> Name: Hee-bum Jung	<u>01/25/2002</u>
4) <u>Kyung-soo Kim</u> Name: Kyung-soo Kim	<u>01/25/2002</u>