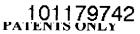


10-22-1999







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):

10-18-99

Byeong-Woo Kim; Byung-Chul You

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

3. Nature of conveyance

Form PTO-1595

■ Assignment

Merger

| Security Agreement

Change of Name

Other

Execution Date: September 29, 1999

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

Name: SAMSUNG ELECTRONICS CO., LTD.

Internal Address: 416, Maetan-dong, Paldal-gu,

Suwon City, Kyungki-do,

Republic of Korea

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

4. Application number (s) or patent numbers (s)

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No. (s) 09/373,168

Atty. Docket No.: P992013

B. Patent No. (s)

Additional numbers attached? Yes ■ No

5. Name and address of party to whom correspondence

concerning document should be mailed:

Name: Steve S. Cha

Street Address: Cha & Reiter

67 Wall Street #2411

City: New York State: NY Zip: 10005-3198

Tel: (212)968-7101

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if

DO NOT USE THIS SPACE

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.

Steve S. Cha

Registration No. 44,069

Name of person Signing

October 14, 1999

Date

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

Do not detach this portion

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

40.00 OP

NTHAI1 00000162 09373168

10/21/1999

01 FC:581

**Assistant Commissioner for Patents** 

**Box Assignments** 

Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget. Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

PATENT REEL: 010319 FRAME: 0034

Customer No.:022491 Docket No.: P992013

## **Assignment of Invention and Patent Application**

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of TEN (\$10.00) DOLLAR,

**Byeong-Woo Kim** of Buchun city, Sosa-gu, Gwoean-dong Dong-shin APT., 9-402 Kyungki-do, 422-090, Korea

Byung-chul You of Songpa-gu, Okeum-dong, 64-13 Sungji Villa 1-101 Seoul. 138-130, Korea

(hereinafter Assignor) hereby sells, assigns, transfers, and sets over unto:

SAMSUNG ELECTRONIC CO., LTD. of 416, MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, KOREA REPUBLIC OF KOREA

(hereinafter **Assignee**) the entire right, title and interest for the United States Of America as defined in 35 U.S.C.§ 1.00, an and to the invention entitled as:

METHOD FOR SHARING CHANNELS BETWEEN BASE STATION SECTORS AND FAS IN CDMA SYSTEM

invented by **Assignor**; the application for United States patent therefor, invented by **Assignor**; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. **Assignor** authorizes **Assignee** to enter the date of signature and/or Serial Number and Filing Date in the

1

PATENT REEL: 010319 FRAME: 0035 above. Assignor also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said Assignee, for its interests as Assignee, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said Assignee; and Assignor further conveys to Assignee all priority rights resulting from the above-identified application for United States Patent. Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by Assignee to perfect Assignee's interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and Assignee's interest therein.

## SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Byeong-woo Kim	BiWi Cim Signature of inventor
	Dated: <u>9-29-99</u>
	WITNESSED: YIS, furk
Name of Second Inventor: Byung-chul You	By (1) (h.l., 4 Signature of inventor
	Dated: 9-29-99
	WITNESSED:
Name of Third Inventor:	Signature of inventor
	Dated:
	WITNESSED:

**RECORDED: 10/18/1999**