

FORM PTO-1595
(Rev. 6-93)

REC

03-12-2003

ET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



102387843

To the Honorable Commissioner of Patents and Trademarks, Department of Commerce, Washington, DC 20540-5000, and the Patent and Trademark Office, P.O. Box 338, Alexandria, VA 22304-0338. 102387843 attached original document or copy thereof.

1. Name(s) of conveying party(ies):

1) RENYONG FAN
 2) ZHAOHUA XIAO
 3) _____
 4) _____
 5) _____
 6) _____

2-24-03

Additional names of conveying parties attached? Yes No

2. Name and address of receiving party:

Name: SPREADTRUM COMMUNICATIONS CORPORATION

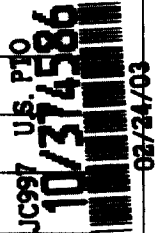
Internal Address: _____

Street Address: 810 E. ARQUES AVENUE

City SUNNYVALE State CALIFORNIA

Zip: 94085

Additional names & addresses attached? Yes No



3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Dates:

1) 02/21/2003 4) _____
 2) 02/21/2003 5) _____
 3) _____ 6) _____

4. Application number(s) or registration number(s):

If this document is being filed together with a new application,
the execution date of the application is 02/24/2003.

A. Patent Application No(s):

10374586

Additional numbers attached? Yes No

B. Patent No(s):

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

Name: PERKINS COIE LLP

Internal Address: PATENT-SEA

CHUN M. NG

Street Address: P.O. Box 1247

City: SEATTLE State: WA ZIP: 98111-1247

6. Total number of applications and patents involved 1

7. Total Fee (37 CFR 3.41): 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 50-0665

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 true copy of the original document.

CHUN M. NG _____ 2/24/03

Name of Person Signing Signature Date

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

40.00 OF
03/03/2003 WABDELRI 00000068 10374586

Attorney Docket: 38483-8002.US01

ASSIGNMENT

THIS ASSIGNMENT is by Renyong Fan and Zhaohua Xiao (the "Assignors"), residing at 936 September Drive, Cupertino, CA 95015, and 6912 Rainbow Drive, San Jose, CA 95129, respectively. We Assignors have invented one or more certain inventions described in a United States Patent Application entitled I/O BUFFER HAVING A PROTECTION CIRCUIT FOR HANDLING DIFFERENT VOLTAGE SUPPLY LEVELS (the "Application") and executed concurrently herewith; or filed on _____ as Application No. _____ (the "Invention(s)"). We Assignors authorize the Assignee, identified below, or its representatives to insert the filing date and application number of the Application when known.

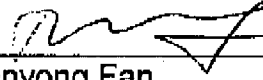
Spreadtrum Communications Corporation ("ASSIGNEE"), a corporation of the State of California having a place of business at 810 E. Arques Ave, Sunnyvale, CA 94085 ("Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which we acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that they are joint owners of the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; prepare and prosecute the Application or any other applications for Patents; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

USSN _____

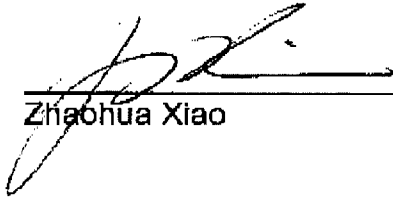
Attorney Docket: 38483-8002.US01

Date: 2/21, 2003



Renyong Fan

Date: 2/21, 2003



Zhaohua Xiao