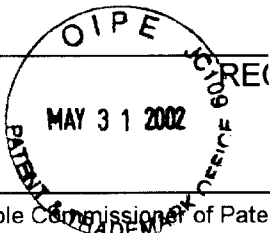


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Docket No. 384838005US

FORM PTO-1595  
(Rev. 6-93)



06-07-2002



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ET U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

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

1) JINGDONG LIN  
2) JUSTINE ZHUANG  
3) TONG ZHAO  
4)  
5)  
6)

Additional names of conveying parties attached? \_ Yes  No

5-31-02

2. Name and address of receiving party:

Name: SPREADTRUM COMMUNICATIONS CORPORATION

Internal Address: BUILDING 1401

Street Address: 4701 PATRICK HENRY DRIVE

City SANTA CLARA State CALIFORNIA

Zip: 95054

Additional names & addresses attached? \_ Yes  No

3. Nature of conveyance:

Assignment      \_\_\_ Merger

\_\_\_ Security Agreement    \_\_\_ Change of Name

\_\_\_ Other \_\_\_\_\_

Execution Dates:

1) 05/10/2002      4) \_\_\_\_\_  
2) 05/10/2002      5) \_\_\_\_\_  
3) 05/10/2002      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 \_\_\_\_\_.

A. Patent Application No(s).  
10/119,409

B. Patent No(s).  
\_\_\_\_\_

Additional numbers attached? \_\_\_ Yes  No

06/06/2002 TBIAZ1 00000077 10119409  
01 FC:581 40.00 DP

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: \_\_\_\_\_

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.*

CHUN M. NG      \_\_\_\_\_      MAY 14, 2002  
Name of Person Signing      Signature      Date

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

## ASSIGNMENT

WHEREAS, we, Jingdong Lin, Justine Zhuang and Tong Zhao, ("ASSIGNORS"), having post office addresses of 32 Fern Pine, Irvine, California 92618, 202, NO. 15, 68 Nong, Haitong Road, Huamu, Pudong District, Shanghai 201204, P.R. China, and 67 Olmsted, #A, Stanford, California 94305, respectively, are the joint inventors of an invention entitled "PHASE DIFFERENCE BASED FREQUENCY CORRECTION CHANNEL DETECTOR FOR WIRELESS COMMUNICATION SYSTEM," as described and claimed in the specification for which an application for United States letters patent was filed on April 09, 2002, and assigned Application No. 10/119,409.

WHEREAS, Spreadtrum Communications Corporation ("ASSIGNEE"), a corporation of the State of California having a place of business at 4701 Patrick Henry Drive, Building. 1401, Santa Clara, CA 95054, is desirous of acquiring the entire right, title, and interest in and to the invention and in and to any patents that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, assign, and transfer unto ASSIGNEE, its legal representatives, successors, and assigns, the entire right, title and interest in and to the invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations, or extensions thereof, any other inventions described in the application, and any and all patents of the United States of America and all foreign countries that may be issued for the invention, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from the United States application to which foreign applications are entitled by virtue of international convention, treaty or otherwise, the invention, application and all patents on the invention to be held and enjoyed by ASSIGNEE and its successors and assigns for

their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer, and sale not been made.

UPON THE ABOVE-STATED CONSIDERATIONS, ASSIGNORS agree to not execute any writing or do any act whatsoever conflicting with this assignment, and at any time upon request, without further or additional consideration but at the expense of ASSIGNEE, execute all instruments and documents and do such additional acts as ASSIGNEE may deem necessary or desirable to perfect ASSIGNEE's enjoyment of this grant, and render all necessary assistance required for the making and prosecution of applications for United States and foreign patents on the invention, for litigation regarding the patents, or for the purpose of protecting title to the invention or patents therefor.

ASSIGNORS authorize and request the Commissioner of Patents and Trademarks to issue any Patent of the United States that may be issued for the invention to ASSIGNEE.


5/10/2002  
Date

  
Jingdong Lin

5/10/2002  
Date

Justine Zhuang  
Justine Zhuang

5/10/2002  
Date

  
Tong Zhao