

06-05-2003



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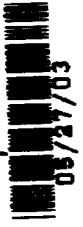
B/O FORM PTO-1595 (Rev. 4/00)

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5-27-03

RECORDATION FORM COVER SHEET
PATENTS ONLY

10/445219
Jc715 U.S. PTO



To the Commissioner for Patents. Please record the attached original documents or copies thereof.

1. Name of Conveying Party(ies):
Zhaohui CAI

 Additional names of conveying parties attached.

2. Name and Address of Receiving Party(ies):
Name: Huawei Technologies Co., Ltd.
Internal Address:
Street Address: Huawei Service Center Building
Kefa Road, Science-Based
Industrial Park, Nanshan District
City, State, Zip: Shenzhen, 518057, P.R. China

 Additional name(s) and address(es) attached.

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: May 9, 2003

4. (A) Patent Application Number(s):
Continuation of PCT/CN01/00806

10,445219

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

 Additional Numbers Attached.

4. (B) Patent Number(s):

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:
Name: Richard E. Fichter
Registration Number 26,382
Address: Bacon & Thomas, PLLC
625 Slaters Lane Fourth Floor
Alexandria, VA 22314

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: 02-0200
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 is true and correct and any attached copy is a true copy of the original document.
Richard E. Fichter *Richard E Fichter* May 27, 2003

Name of Person Signing Signature Date

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

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02 FC:8021

40.00 OP

ASSIGNMENT

WHEREAS, I, Zhaohui CAI, whose post office addresses appear below, hereinafter referred to as ASSIGNOR, have invented certain new and useful improvements in **METHOD FOR ACHIEVING A LARGE CAPACITY OF SCDMA SPREAD COMMUNICATION SYSTEM** (hereinafter referred to as the INVENTION) for which an application (Continuation of PCT/CN01/00806) for United States Letters Patent was executed on even date herewith.

WHEREAS, **Huawei Technologies Co., Ltd.**, whose post office address is Huawei Service Center Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, 518057, P. R. China, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of *Bacon & Thomas* to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

<i>Assignor Name</i> Zhaohui, CAI	<i>Address</i> Huawei Service Center Building Kefa Road, Science-Based Industrial Park Nanshan District, Shenzhen 518057 P. R. China
<i>Where Signed</i>	
<i>Date</i> May 9, 2003	<i>Signature</i> Zhaohui Cai
<i>Witness (optional)</i> _____ Print/Type Name _____ Signature	<i>Witness (optional)</i> _____ Print/Type Name _____ Signature

<i>Assignor Name</i>	<i>Address</i>
<i>Where Signed</i>	
<i>Date</i>	<i>Signature</i>
<i>Witness (optional)</i> _____ Print/Type Name _____ Signature	<i>Witness (optional)</i> _____ Print/Type Name _____ Signature