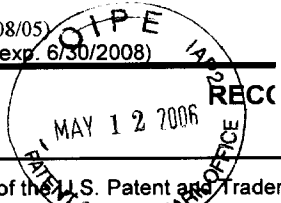


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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Qiuping SHANG

2. Name and address of receiving party(ies)Name: Huawei Technologies Co., Ltd.

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) March 31, 2006☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other _____Street Address: Huawei Administration Bldg.Bantian, Longgang District, Shenzhen, 518129City: Guangdong

State: _____

Country: P. R. China Zip: _____Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

11/350,148Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Summa, Allan & Additon, P.A.

Internal Address: _____

Street Address: 11610 N. Community House
Road, Suite 200City: CharlotteState: NC Zip: 28277-2199Phone Number: 704-945-6716Fax Number: 704-945-6735Email Address: mpendleton@summalaw.com**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**☐ Authorized to be charged by credit card☐ Authorized to be charged to deposit account☒ Enclosed☐ None required (government interest not affecting title)**8. Payment Information**a. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 50-0332Authorized User Name Melissa B. Pendleton**9. Signature:**

Signature

May 8, 2006

Date

Melissa B. Pendleton

Name of Person Signing

Total number of pages including cover
sheet, attachments, and documents: 4Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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PATENT
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ASSIGNMENT

WHEREAS, I, Qiuping SHANG, a citizen of China, with a mailing address of Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China, residing at Guangdong, (hereinafter referred to as "ASSIGNOR"), am the sole inventor of certain new and useful improvements in APPARATUS AND METHOD FOR RECOGNIZING FRAME CHECK SEQUENCE IN GENERIC FRAMING PROCEDURE ENCAPSULATION MODE (hereinafter referred to as "invention"), for which an application for United States Letters Patent was filed on February 8, 2006 under Serial Number 11/350,148, which application claims priority from Chinese Application No. 03153318.3, filed August 8, 2003, and PCT Application No. PCT/CN2004/000871, filed July 27, 2004, all applications listed above being hereinafter referred to as the "application"; and

WHEREAS, HUAWEI TECHNOLOGIES CO., LTD., a corporation existing and organized under the law of the P.R. CHINA (hereinafter referred to as "ASSIGNEE"), having a principal place of business at Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent that shall be granted therefore in the United States of America and all foreign countries;

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, has sold and by these

presents do hereby sell, assign, transfer, and convey unto the ASSIGNEE, its successors and assigns, the entire right, title, and interest in and to said invention and said application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof that may be granted therefore or thereon, for the full term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with international treaties and conventions, the same to be held and enjoyed by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

I hereby request that said Letters Patent be issued in accordance with this assignment.

I further covenant and agree that, at the time of the execution and delivery of these presents, I possess full title to said invention and said application, and that I have the unencumbered right and authority to make this assignment.

I further covenant and agree to bind my heirs, legal representatives, and assigns, promptly to communicate to said ASSIGNEE or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers that may be requested to confirm the right of the ASSIGNEE, its representatives, successors or assigns to secure patent or similar protection for said invention in all countries and to vest in the ASSIGNEE

complete title to said invention and Letters Patent,
without further compensation, but at the expense of said
ASSIGNEE, its successors, assigns and other legal
representatives.

IN WITNESS WHEREOF, I have hereunto signed my name on
the day and year set forth below.

31 . 3 ., 2006

Qiuping SHANG
Qiuping SHANG

Li Chen

Witness