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### PATENTS ONLY

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)**

Guangbin Meng

**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) May 11, 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, 518129

City: 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)

11/431,890

B. Patent No.(s)

06/27/2006 NNGUYEN1 00000083 11431890

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40.00 DP

Additional numbers attached?  Yes  No

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

Name: Summa, Allan & Additon, P.A.

Internal Address: \_\_\_\_\_

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City: Charlotte

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Phone Number: 704-945-6716

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Email 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 1092  
Expiration Date 10/06

b. Deposit Account Number 50-0332

Authorized User Name Melissa B. Pendleton

**9. Signature:** Melissa B. Pendleton

Signature

June 22, 2006

Date

Melissa B. Pendleton

Name of Person Signing

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

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## ASSIGNMENT

WHEREAS, I, Guangbin MENG, a citizen of P.R. China, with a mailing address of Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China (hereinafter referred to as "ASSIGNOR"), am the sole inventor of certain new and useful improvements in METHOD OF PROVIDING DATA REDUNDANCY FOR HOME LOCATION REGISTER

(hereinafter referred to as "invention"), for which an application for United States Letters Patent has been filed concurrently herewith, and which application claims priority from Chinese Application No. 200310113268.8, filed November 10, 2003, and PCT application No. PCT/CN2004/001274, filed November 9, 2004, all applications listed above being hereinafter referred to as the "application"; and

WHEREAS, Huawei Technologies, Co., Ltd., a Chinese corporation (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, have 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.

May. 11 . , 2006

Guangbin Meng  
Guangbin MENG

Wenfeng Ji  
Witness

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