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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)/Execution Date(s):

Fuyou MIAO

Execution Date(s): November 22, 2005

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: HUAWEI TECHNOLOGIES CO., LTD.

Internal Address: _____

Street Address: _____

Huawei Administration Building, Bantian,
Longgang District

City: Shenzhen, Guangdong Province

Country: China Zip: 518129

Additional name(s) & address(es) attached: Yes No

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

A. Patent Application No.(s)
This application

10/558751

Additional numbers attached? Yes No

This document is being filed together with a new application.

B. Patent No.(s)

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

Name: Robert Kinberg
VENABLE LLP

Internal Address: Atty. Dkt.: 46843-225745

Street Address: P.O. Box 34385

City: Washington

State: DC Zip: 20043-9998

Phone Number: (202) 344-4000

Fax Number: (202) 344-8300

Email Address: _____

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 _____
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b. Deposit Account Number _____
Authorized User Name _____

9. Signature:

Robert Kinberg
Signature

December 1, 2005

Date

Robert Kinberg - 26,924

Name of Person Signing

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

2

RK/cdw-702950

ASSIGNMENT
OF APPLICATION FOR UNITED STATES LETTERS PATENT

Attorney Docket
46843-225745 RK

WHEREAS Fuyou MIAO of P.R. CHINA, hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to A SYSTEM AND METHOD OF NETWORK AUTHENTICATION, AUTHORIZATION AND ACCOUNTING, which said assignor has caused an application for United States Letters Patent to be prepared,

[] the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office.

[] said application having been filed in the United States Patent and Trademark Office on _____, Serial Number _____.

[X] said application having been filed under the Patent Cooperation Treaty on December 31, 2003, Serial No. PCT/CN2003/001162, the United States of America being designated.

AND WHEREAS HUAWEI TECHNOLOGIES CO., LTD., Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong Province, 518129, P.R. CHINA, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any all divisions and continuations thereof, and the said invention and any all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 22 day of NOV, 2005

WITNESSES:

Signature: Renhai Zhang
Name: Renhai Zhang
Address: Beijing

Signature: Tian Zhang
Name: Tian Zhang
Address: Beijing

ASSIGNOR:

Signature: Fuyou Miao
Name: FUYOU MIAO

CUSTOMER NO.: 26994

VENABLE LLP
Washington, D.C. 20005
DC2DOCS1/699674

RECORDED: 12/01/2005

PATENT
REEL: 017995 FRAME: 0870