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FRAUD SECTION

**1. Name of conveying party(ies)**

Guo Wei

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 12/06/06

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**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

State: Guangdong Province

Country: People's Republic of China Zip: 518129

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)  
11/517,815

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Daniel Mao

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

TOWNSEND AND TOWNSEND AND CREW LLP

Street Address: Two Embarcadero Center,  
Eighth Floor

City: San Francisco

State: California Zip: 94111-3834

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**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 20-1430

Authorized User Name Townsend and

Townsend and Crew LLP

**9. Signature:**

Signature

January 17, 2007

Date

Daniel Mao

Name of Person Signing

Atty. Reg. No. 51,995

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

1. Additional name(s) of conveying party(ies):  
(Continued from Page 1)

Xuliang Zhang  
Tao Jiang  
Jun Zhao  
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2. Additional name(s) and address(es) of receiving party(ies):  
(Continued from Page 1)

3. Additional application number(s) or patent number(s):  
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

60961159 v1

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Guo Wei of F4-3-A, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, 518129 People's Republic of China; Xullang Zhang of F4-3-A, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, 518129 People's Republic of China; Tao Jiang of F4-3-A, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, 518129 People's Republic of China; Jun Zhao of F4-3-A, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, 518129 People's Republic of China; Wei Huang of F4-3-A, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, 518129 People's Republic of China; Jun Chen of F4-3-A, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, 518129 People's Republic of China; Yuntao Wang of F4-3-A, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, 518129 People's Republic of China; Huafeng Lin of F4-3-A, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, 518129 People's Republic of China; and Feng Wang of F4-3-A, Huawei Industrial Base, Bantian, Longgang District, Shenzhen, 518129 People's Republic of China, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: SYSTEM AND METHOD FOR PROVIDING FAILURE PROTECTION IN OPTICAL NETWORKS

Filing Date: September 8, 2006

Application No.: 11/517,815; and

WHEREAS, Huawei Technologies Co., Ltd., located at Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong Province, 518129 People's Republic of China, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 2006.12.6

Guo Wei  
Guo Wei

## Assignment

Attorney Docket No.: 022152-001700US

Page 2

Dated: 2006.12.6

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Xuliang Zhang

Dated: 2006.12.6

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Tao Jiang

Dated: 2006.12.6

Jun Zhao  
Jun Zhao

Dated: 2006.12.06

Wei Huang  
Wei Huang

Dated: 2006.12.06

Jun Chen  
Jun Chen

Dated: 2006.12.6

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Huafeng Lin

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60929588 v1