

01-08-2004

Attorney Docket No. 100641.52991US

Form PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



102641322

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yongliang XU

12.29-03

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

2. Name and address of receiving party(ies)

Name: **HUAWEI TECHNOLOGIES CO., LTD.**
Huawei Administrative Building
Bantian, Longgang District
Shenzhen, 518129
People's Republic of China

Additional name(s) & address(es) attached?

☐ Yes☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:Execution Date: **December 15, 2003**

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: **December 15, 2003**

A. Patent Application No.(s)

B. Patent No(s).

Additional numbers attached?

☐ Yes☒ No

10745683

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

CROWELL & MORING, L.L.P.
Intellectual Property Group
P.O. Box 14300
Washington, D.C. 20044-4300

6. Total number of applications and patents involved: **one**

7. Total Fee (37 CFR 3.41): **\$ 40.00**
☒ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 05-1323 (Docket No. 100641.52991US)

☐ Authorized to be charged to Deposit Account

8. Deposit Account No.

(Attach dupl. copy of this page if paying by Deposit Account)

DO NOT WRITE IN THIS SPACE

9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Song Zhu, Ph.D.

Reg. No. 44,420

December 29, 2003

Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: 3**DO NOT USE THIS SPACE**

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

01/08/2004 LMUELLER 00000067 10745683

01 FC:8021

40.00 DP

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P. O. Box 1450
Alexandria, VA 22313-1450

/tlm (296808)

031356 U.S. PTO
10745683

122903

PATENT
REEL: 014850 FRAME: 0387

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

HUAWEI TECHNOLOGIES CO., LTD.

Huawei Administrative Building

Bantian, Longgang District

Shenzhen, 518129

People's Republic of China

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

METHOD OF ESTABLISHING A BI-DIRECTIONAL LABEL SWITCHED PATH IN AN OPTICAL NETWORK

as set forth in his United States Patent Application (check one):

- ☒ executed concurrently herewith,
☐ executed on _____,
☐ International Application No. _____, filed _____

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

ASSIGNMENT

Page 2 of 2

Attorney Docket No.: 100641.52991US

Each of the undersigned hereby grants the firm of **CROWELL & MORING, L.L.P.**, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Inventor:
Citizen of:

Yongliang XU
People's Republic of China

2003.12.15

(date)

许用梁

(signature of inventor)

王艳姿

(signature of
witness)

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.