

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Wei Huang	11/10/2006
Jun Zhao	11/10/2006
Peilong Tan	11/10/2006
Tao Jiang	11/10/2006
Feng Wang	11/10/2006
Jun Chen	11/10/2006
Yuntao Wang	11/10/2006
Huafeng Lin	11/10/2006
Guo Wei	11/10/2006

RECEIVING PARTY DATA

Name:	Huawei Technologies Co., Ltd.
Street Address:	Huawei Administration Building
Internal Address:	Bantian, Longgang District
City:	Shenzhen, Guangdong Province
State/Country:	CHINA
Postal Code:	518129

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11595842

CORRESPONDENCE DATA

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 Correspondent Name: Wolf, Greenfield & Sacks, P.C.
 Address Line 1: 600 Atlantic Avenue

CH \$40.00 11595842

Address Line 4: Boston, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:

H0678.70017US00

NAME OF SUBMITTER:

James H. Morris

Total Attachments: 2

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby:

Sell, assign and transfer to Huawei Technologies Co., Ltd., a corporation having a place of business at Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong Province, 518129, People's Republic of China, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed on November 9, 2006 as serial No. 11/595,842 and entitled METHOD FOR UPGRADING NETWORK RATE OF PASSIVE OPTICAL NETWORK, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority;

Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;

Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

Attorney Docket No. H0678.70017US00

Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

Dated: 2006.11.10 Signature Wei HUANG
Printed Name: Wei HUANG

Dated: 2006.11.10 Signature Jun Zhao
Printed Name: Jun ZHAO

Dated: 2006.11.10 Signature Peilong Tan
Printed Name: Peilong TAN

Dated: 2006.11.10 Signature Tao JIANG
Printed Name: Tao JIANG

Dated: 2006.11.10 Signature Feng WANG
Printed Name: Feng WANG

Dated: 2006.11.10 Signature Jun Chen
Printed Name: Jun CHEN

Dated: 2006.11.10 Signature Yuntao WANG
Printed Name: Yuntao WANG

Dated: 2006.11.10 Signature Hua Feng LIN
Printed Name: Hua Feng LIN

Dated: 2006.11.10 Signature Guo WEI
Printed Name: Guo WEI