

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | |
|---|---|---------------|----------------|---------------------|------------|-------------|------------|---------------|------------|-------------------|------------|------------------|------------|----------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Raymond W.K. Leung</td> <td>02/26/2008</td> </tr> <tr> <td>Dongyu Geng</td> <td>02/26/2008</td> </tr> <tr> <td>Dongning Feng</td> <td>02/26/2008</td> </tr> <tr> <td>Frank Effenberger</td> <td>02/25/2008</td> </tr> <tr> <td>Sergio Benedetto</td> <td>02/25/2008</td> </tr> <tr> <td>Guido Montorsi</td> <td>02/25/2008</td> </tr> </tbody> </table> | | Name | Execution Date | Raymond W.K. Leung | 02/26/2008 | Dongyu Geng | 02/26/2008 | Dongning Feng | 02/26/2008 | Frank Effenberger | 02/25/2008 | Sergio Benedetto | 02/25/2008 | Guido Montorsi | 02/25/2008 |
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| Sergio Benedetto | 02/25/2008 | | | | | | | | | | | | | | |
| Guido Montorsi | 02/25/2008 | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | |
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| Street Address: | Administration Building, Bantian, Longgang District | | | | | | | | | | | | | | |
| City: | Shenzhen, Guangdong Province | | | | | | | | | | | | | | |
| State/Country: | TAIWAN | | | | | | | | | | | | | | |
| Postal Code: | 518129 | | | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11939470</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 11939470 | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | |
| Application Number: | 11939470 | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | |
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| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | | | | | |
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| Email: | DEHawley@Townsend.com | | | | | | | | | | | | | | |
| Correspondent Name: | TOWNSEND AND TOWNSEND AND CREW, LLP | | | | | | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | 022152-004200US | | | | | | | | | | | | | | |

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NAME OF SUBMITTER:

Ming-Yuh Hsu

Total Attachments: 4

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Attorney Docket No.: 022152-004200US
Client Reference No.: 07CJY202

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Raymond W.K. Leung of Technical Research Department PSST, Section B, Huawei Industrial Base, Bantian Longgang District, Shenzhen, Guangdong Province 518129, People's Republic of China; Dongyu Geng of Technical Research Department PSST, Section B, Huawei Industrial Base, Bantian Longgang District, Shenzhen, Guangdong Province 518129 People's Republic of China; Dongning Feng of Technical Research Department PSST, Section B, Huawei Industrial Base, Bantian Longgang District, Shenzhen, Guangdong Province 518129 People's Republic of China; Frank Effenberger of 147 Pleasant Knoll Way, Freehold, NJ 07728; Sergio Benedetto of Dipartimento de Elettronica, Politecnico, Corso Duca degli Abruzzi 24, Torino, 10129 Italy and Guido Montorsi of Dipartimento di Elettronica, Politecnico, Corso Duca degli Abruzzi 24, Torino, 10129 Italy, 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 DATA
SYNCHRONIZATION IN PASSIVE OPTICAL
NETWORKS
Filing Date: November 13, 2007
Application No.: 11/939,470; and

WHEREAS, Huawei Technologies Co., Ltd., a corporation of the People's Republic of China, located at Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong Province 518129, 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: 26/02/2008

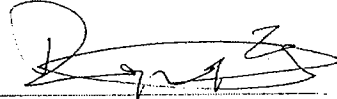
Raymond W.K. Leung
Raymond W.K. Leung

Dated: 26/02/2008

Dongyu Geng
Dongyu Geng

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Page 2

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Dongning Feng

Dated: _____

Frank Effenberger

Dated: _____

Sergio Benedetto

Dated: _____

Guido Montorsi

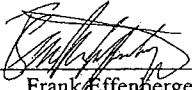
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Dongning Feng

Dated: 22-Feb-2008



Frank Effenberger

Dated: _____

Sergio Benedetto

Dated: _____

Guido Montorsi

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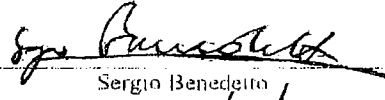
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Dongning Feng

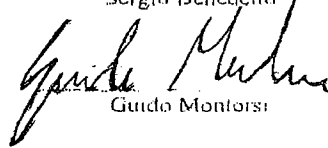
Dated: _____

Frank Effenberger

Dated: 25/2/2008


Sergio Benedetto

Dated: 25/2/2008


Guido Montorsi

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