

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Wai Kong Raymond Leung</td> <td>09/25/2012</td> </tr> <tr> <td>Dongyu Geng</td> <td>09/25/2012</td> </tr> <tr> <td>Dongning Feng</td> <td>09/25/2012</td> </tr> <tr> <td>Frank J. Effenberger</td> <td>09/25/2012</td> </tr> <tr> <td>Sergio Benedetto</td> <td>09/26/2012</td> </tr> <tr> <td>Guido Montorsi</td> <td>09/26/2012</td> </tr> <tr> <td>Jing Li</td> <td>09/25/2012</td> </tr> </tbody> </table>		Name	Execution Date	Wai Kong Raymond Leung	09/25/2012	Dongyu Geng	09/25/2012	Dongning Feng	09/25/2012	Frank J. Effenberger	09/25/2012	Sergio Benedetto	09/26/2012	Guido Montorsi	09/26/2012	Jing Li	09/25/2012
Name	Execution Date																
Wai Kong Raymond Leung	09/25/2012																
Dongyu Geng	09/25/2012																
Dongning Feng	09/25/2012																
Frank J. Effenberger	09/25/2012																
Sergio Benedetto	09/26/2012																
Guido Montorsi	09/26/2012																
Jing Li	09/25/2012																
RECEIVING PARTY DATA																	
Name:	HUAWEI TECHNOLOGIES CO., LTD.																
Street Address:	Huawei Administration Building																
Internal Address:	Bantian, Longgang District																
City:	Shenzhen																
State/Country:	CHINA																
Postal Code:	518129																
PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13536170</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13536170												
Property Type	Number																
Application Number:	13536170																
CORRESPONDENCE DATA																	
Fax Number:	9727312289																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	972-731-2288																
Email:	dallaspatents@dfw.conleyrose.com																
Correspondent Name:	Grant Rodolph																
Address Line 1:	5601 Granite Parkway, Suite 500																
Address Line 4:	Plano, TEXAS 75024-6616																
ATTORNEY DOCKET NUMBER:	4202-40400 (0889013-2US)																

CH \$40.00 13536170

NAME OF SUBMITTER:	Nicholas K. Beaulieu
Signature:	/Nicholas K. Beaulieu/
Date:	09/05/2013
Total Attachments: 7 source=4202-40400_Signed_Assignment#page1.tif source=4202-40400_Signed_Assignment#page2.tif source=4202-40400_Signed_Assignment#page3.tif source=4202-40400_Signed_Assignment#page4.tif source=4202-40400_Signed_Assignment#page5.tif source=4202-40400_Signed_Assignment#page6.tif source=4202-40400_Signed_Assignment#page7.tif	

ASSIGNMENT

WHEREAS, WE,

Wai Kong Raymond Leung
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA; and

Dongyu GENG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA; and

Dongning FENG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA; and

Frank J. Effenberger
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA; and

Sergio Benedetto
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA; and

Guido Montorsi
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA; and

Jing LI
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:
METHOD AND SYSTEM FOR DATA SYNCHRONIZATION IN PASSIVE OPTICAL NETWORKS
for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 28 Jun 2012, under U.S. Application No. 13536170 and

WHEREAS, HUAWEI TECHNOLOGIES CO., LTD., of Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China, hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

In re Appln. of Leung et al.
Attorney Docket No. 4202-40400

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date 25 Sept 2012 Wai Kong Raymond Leung
Wai Kong Raymond Leung

Date 25 Sept 2012 Lion LAVIS
Witness

Date 25 Sept 2012 Chonghu WU
Witness

=====
Date _____ Dongyu GENG

Date _____
Witness

Date _____
Witness

=====
Date _____ Dongning FENG

Date _____
Witness

Date _____
Witness

In re Appln. of Leung et al.
Attorney Docket No. 4202-40400

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date _____
Wai Kong Raymond Leung

Date _____
Witness

Date _____
Witness

Date 25 Sept 2012 Dongyu GENG
Dongyu GENG

Date 25 Sept 2012 Jifang HE
Witness

Date 25 Sept 2012 Xing ZHAO
Witness

Date _____
Dongning FENG

Date _____
Witness

Date _____
Witness

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date _____
Wai Kong Raymond Leung

Date _____
Witness

Date _____
Witness

Date _____
Dongyu FENG

Date _____
Witness

Date _____
Witness


Date 2012-9-25

Dongying FENG

Date 2012-9-25
Ciwei Lang
Witness

Date 2012-9-25
Wanjun Gu
Witness

Date 25 Sep 2012



Frank J. Effenberger

Date 25 Sep 2012

Witness Isabel Zeng

Date 9/25/12

Witness 

Date _____

Sergio Benedetto

Date _____

Witness

Date _____

Witness

Date _____

Guido Montorsi

Date _____

Witness

Date _____

Witness

Date _____

Jing Li

Date _____

Witness

Date _____

Witness

Date _____

Frank J. Effenberger

Date _____

Witness

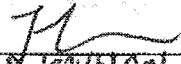
Date _____

Witness


Date 26/9/2012


Sergio Benedetto

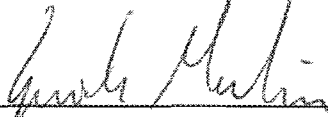
Date 26/9/2012

Witness 
FAROOQ KAVIAN

Date 26/9/2012

Witness 
EMILIO LEONARDI


Date 26/9/2012


Guido Montorsi

Date 26/09/2012

Witness 
FAROOQ KAVIAN

Date 26/9/2012

Witness 
EMILIO LEONARDI

Date _____

Jing Li

Date _____

Witness

Date _____

Witness

In re Appln. of Leung et al.
Attorney Docket No. 4202-40400

Date _____
Frank J. Effenberger

Date _____
Witness

Date _____
Witness

Date _____
Sergio Benedetto

Date _____
Witness

Date _____
Witness

Date _____
Guido Montorsi

Date _____
Witness

Date _____
Witness

Date 25 Sept 2012
Jing LI
Jing LI

Date 25 Sept 2012
Li Wen LOING
Witness

Date 25 Sept 2012
Changbin WU
Witness