

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jan-Wen PENG	03/17/2009
Hsing-Yi WU	03/17/2009
Chung-Ju CHANG	03/17/2009
RECEIVING PARTY DATA	
Name:	Chunghwa Telecom Co., Ltd.
Street Address:	No. 12, Lane 551, Min-Tsu Rd., Sec. 5, Yang-Mei
City:	Taoyuan County
State/Country:	TAIWAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12419748
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ATTORNEY DOCKET NUMBER:	TW-APA-0656
NAME OF SUBMITTER:	Ming Chow
Total Attachments: 2 source=assignment_PB20080528#page1.tif source=assignment_PB20080528#page2.tif	

OP \$40.00 12419748

ASSIGNMENT

WHEREAS, I (we), 1. Jan-Wen PENG 2. Hsing-Yi WU 3. Chung-Ju CHANG
whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful
improvements in A Dynamic Bandwidth Allocation Method of Ethernet Passive Optical Network

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

- executed on even date herewith
 executed on:
 filed on: Serial No.:
 established by PCT International Patent Application No.: filed:
designating the United States of America

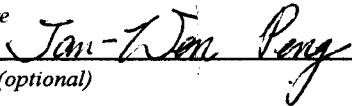
WHEREAS, Chunghwa Telecom Co., Ltd.
whose post office address is No. 12, Lane 551, Min-Tsu Rd., Sec. 5, Yang-Mei, Taoyuan County, Taiwan (R.O.C.)
hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of _____ to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

<i>Assignor Name</i> Jan-Wen PENG	<i>Address</i> 14 F., No. 12, Lane 182, Kou-Chin Rd., Banciao City, Taipei County, Taiwan (R.O.C.)
<i>Where Signed</i>	
<i>Date</i> Mar. 17, 2009	<i>Signature</i> 
<i>Witness (optional)</i>	<i>Witness (optional)</i>
<i>Print/Type Name</i>	<i>Print/Type Name</i>
<i>Signature</i>	<i>Signature</i>

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Assignor Name Hsing-Yi WU	Address 1F., No. 10, Lane 37, Earl St., Xizhi City Taipei County, Taiwan(R.O.C.)
Where Signed	
Date Mar. 17, 2009	Signature Hsing-Yi Wu
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature
Assignor Name Chung-Ju CHANG	Address 7 F., No. 52, Sec. 1, Roosevelt Rd., Taipei City, Taiwan(R.O.C.)
Where Signed	
Date Mar. 17, 2009	Signature Chung-Ju Chang
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature
Assignor Name	Address
Where Signed	
Date	Signature
Witness (optional)	Witness (optional)
Print/Type Name	Print/Type Name
Signature	Signature

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