

## 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>Yuhua Chen</td> <td>11/07/2012</td> </tr> <tr> <td>Wenjing Tang</td> <td>11/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yuhua Chen	11/07/2012	Wenjing Tang	11/07/2012				
Name	Execution Date										
Yuhua Chen	11/07/2012										
Wenjing Tang	11/07/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>University of Houston</td> </tr> <tr> <td>Street Address:</td> <td>4800 Calhoun</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77204</td> </tr> </table>		Name:	University of Houston	Street Address:	4800 Calhoun	City:	Houston	State/Country:	TEXAS	Postal Code:	77204
Name:	University of Houston										
Street Address:	4800 Calhoun										
City:	Houston										
State/Country:	TEXAS										
Postal Code:	77204										
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>13599912</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13599912						
Property Type	Number										
Application Number:	13599912										
CORRESPONDENCE DATA											
<p>Fax Number: 7136502400  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: pchieu@winstead.com          Correspondent Name: POLIN CHIEU          Address Line 1: WINSTEAD PC          Address Line 2: P.O. BOX 131851          Address Line 4: DALLAS, TEXAS 75313</p>											
ATTORNEY DOCKET NUMBER:	23853-P038US										
NAME OF SUBMITTER:	Polin Chieu										
Total Attachments: 2 source=Assignment_Signed#page1.tif source=Assignment_Signed#page2.tif											

CH \$40.00 13599912

*ASSIGNMENT OF INVENTION*

WHEREAS, I, **Yuhua Chen**, residing at 3501 Link Valley Dr., Unit 203, Houston, Texas 77025, U.S.A., and I, **Wenjing Tang**, residing at 3501 Link Valley Dr., Unit 203, Houston, Texas 77025, U.S.A., have invented certain new and useful improvements in: "METHODS AND APPARATUSES FOR DWDM MULTI-MODE SWITCHING ROUTER AND DYNAMIC MULTI-MODE CONFIGURATION AND RECONFIGURATION" for which an application for Letters Patent was filed on August 30, 2012 under Application Number 13/599,912;

WHEREAS, the **UNIVERSITY OF HOUSTON**, a university organized under the laws of Texas, having a principal office and place of business at 4800 Calhoun, Houston, TX 77204 USA (hereinafter "ASSIGNEE") desires to acquire from Yuhua Chen and Wenjing Tang the entire right, title and interest each has in and to said invention and in and to any Letters Patent that may be granted thereof in the United States and its territorial possessions, and any and all countries foreign to the United States of America;

NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, I, by these presents do sell, assign and transfer unto said ASSIGNEE, all of my rights to the said invention in the United States and its territorial possessions and all countries foreign to the United States of America, and my entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof, and to any and all Letters Patent which may be granted therefor in all countries foreign to the United States.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and Patent Office Officials in all countries foreign to the United States to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the use and behalf of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

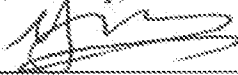
Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful

papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions, and in all countries foreign to the United States.

The undersigned hereby grants authorized representatives of the above identified ASSIGNEE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

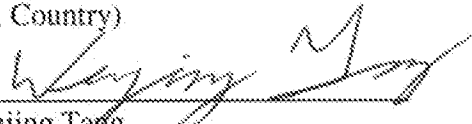
EXECUTED AT: Houston, TX, USA  
(City, State, Country)

Date: 11/7/2012

  
Yuhua Chen

EXECUTED AT: Houston, TX U.S.A  
(City, State, Country)

Date: 11/7/2012

  
Wenjing Tang