03-24-2004

(Rev. 10-02)		heet	U.S. Department of Commerce U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 5/31/2002) Tab settings ⇔⇔▼ ' 102	702136	_	v v
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Name of conveying party(ies):	2. Na	ame and address of	receiving party(ies)
Kun Lu 3_22_6	Y	ame: FutureWei]	Technologies, Inc.
Additional name(s) of conveying party(ies) attached? Ye	s ⊠ No. In	ternal Address:	
3. Nature of conveyance.	St	reet Address: 1700	Alma Drive, Suite 500
☐ Assignment ☐ Merger	С	ty: Plano	State: TX ZIP: 75075
Security Agreement Change	of Name		
Other:	Addit	ional name(s) and a	address(es) attached? ☐ Yes ☒ No
Execution Date: February 17, 2004			
Application number(s) or patent number(s):			
If this document is being filed together with a new application, the execution date of the application is:			
A. Patent Application No(s): 10/691,474	В.	Patent No(s):	PUBLIC 22 M CE SEC
Addition	nal numbers attached?	∏ Yes ⊠ No	. RECO
Name and address of party to whom corresponder			cations and patents involved 1
concerning document should be mailed:	0. 10	nai number of appir	cations and paterns involved 1
Name: Daniel Mao	l l	otal fee (37 CFR 3.4	11):\$ <u>40.00</u>
TOWNSEND AND TOWNSEND AND CF Two Embarcadero Center, Eighth Floor	REW LLP	☐ Enclosed	
San Francisco, California 94111-3834 (650) 326-2400		Authorized to	o be charged to deposit account
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Daniel Mas	Dan Sala	'A	March 10, 2004
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PATENT REEL: 015112 FRAME: 0670

Attorney Docket No.: 021822-000200US

Client Reference No.: 03FW01

ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, Kun Lu of 2702 Cherlin PL, Richardson, TX 75082, hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

RING MAP DISCOVERY AND VALIDATION METHOD

AND SYSTEM FOR OPTICAL NETWORK

APPLICATIONS

Filing Date:

October 21, 2003

Application No.:

10/691,474; and

WHEREAS, FutureWei Technologies, Inc., a corporation of United States, located at 1700 Alma Drive, Suite 500, Plano, TX 75075, 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 Assignor, Assignor has assigned, and by these presents does 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 any patent application claiming priority from 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 Assignor 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.

Assignor further agrees that Assignor 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 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, Assignor has signed his/her name on the date indicated.

Dated: Feb 17, 2004

RECORDED: 03/22/2004

Kun Lu

PATENT REEL: 015112 FRAME: 0671