502700858 02/28/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2747463

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	DATA		JL		
1			Name	Execution Date	
SHUJIN ZHANG				02/27/2014	
RECEIVING PARTY	DATA				
Name: Futurewei Technologies, Inc.					
Street Address:	5340 Legacy	5340 Legacy Drive			
Internal Address:	Suite 175				
City:	Plano	Plano			
State/Country:	TEXAS	TEXAS			
Postal Code:	75024				
PROPERTY NUMBER			Number		
	Туре	141930			
Property Application Number:	Туре	141930			
Application Number:	Type E DATA		034		
Property Application Number:	Type E DATA (972	141930 2)731-22 -731-22	289		
Property Application Number: CORRESPONDENCE Fax Number: Phone: Email:	E DATA (972-972-dalla	2)731-22 -731-22	289 288 ats@dfw.conleyrose.com		
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PATENT REEL: 032321 FRAME: 0040

ASSIGNMENT

WHEREAS, I/We, the undersigned inventor(s) (or one of the undersigned joint inventors), of residence as listed below, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

WHEREAS, Futurewei Technologies, Inc. ("Assignee"), a corporation organized and existing under the laws of Texas, with its principal office at 5340 Legacy Drive, Suite 175, Plano, TX 75024 is desirous of acquiring my/our entire right, title and interest in the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/we will assign, and hereby assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive right, title and interest in and to the invention in the United States 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, divisional, 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 I/we do hereby authorize and request the Commissioner for Patents to issue U.S. patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the Assignee agreeably with the terms of this assignment document.

I also hereby agree to sell and to assign, and sell and assign to Assignee, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to Assignee, or its successors, assigns, and legal representative, any facts known to me respecting said invention or the file history thereof, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid such Futurewei, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

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Page 1 of 2

Patent Reference No. 4194-92400 (91003824US01)

PATENT REEL: 032321 FRAME: 0041

ASSIGNMENT

IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year;

Title of Invention	A Declarative Approach to Virtual Network Creation and Operation			
	Appl. No. 14/193,034	Filing Date: February 28, 2014		
Signature of Inventor	Ship zhang	2/27/2014		
Inventor Name	Shujin Zhang	***************************************		
Date				
Residence (City/State)	San Carlos, California			
Signature of Inventor				
Inventor Name				
Date				
Residence (City/State)				

268409-v1/4194-92400 Futurewei Technologies, Inc.

RECORDED: 02/28/2014

Page 2 of 2 Patent Reference No. 4194-92400 (91003824US01)

PATENT REEL: 032321 FRAME: 0042