

PATENT ASSIGNMENT

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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>Kelly Johnson</td> <td>11/12/2012</td> </tr> <tr> <td>Pedro Fernandez</td> <td>11/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kelly Johnson	11/12/2012	Pedro Fernandez	11/12/2012
Name	Execution Date						
Kelly Johnson	11/12/2012						
Pedro Fernandez	11/12/2012						
RECEIVING PARTY DATA							
Name:	Futurewei Technologies, Inc.						
Street Address:	5340 Legacy Drive						
Internal Address:	Suite 175						
City:	Plano						
State/Country:	TEXAS						
Postal Code:	75024						
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>13674545</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13674545		
Property Type	Number						
Application Number:	13674545						
CORRESPONDENCE DATA							
Fax Number:	4692775901						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	4692775700						
Email:	patents.futurewei@huawei.com						
Correspondent Name:	FutureWei Technologies, Inc.						
Address Line 1:	5340 Legacy Drive						
Address Line 2:	Suite 175						
Address Line 4:	Plano, TEXAS 75024						
ATTORNEY DOCKET NUMBER:	83519127US01						
NAME OF SUBMITTER:	Li Qiong Tian						
Total Attachments: 2 source=83519127US01 Assignment-signed#page1.tif source=83519127US01 Assignment-signed#page2.tif							

CH \$40.00 13674545

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, 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

WEHREAS, Futurewei Technologies, Inc. ("Futurewei"), 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 entire right, title and interest in and to 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;

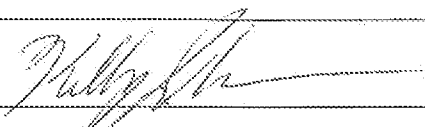
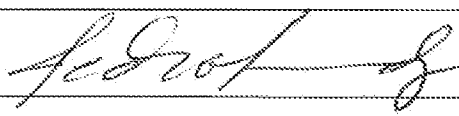
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to said Futurewei, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefore, and all divisional, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said Futurewei, as assignee of my entire right ,title and interest. I declare that I have not executed and will not execute any agreement in conflict herewith.

I also hereby sell and assign to Futurewei, 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 said Futurewei, or its successors, assigns, and legal representative, any facts know 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.

ASSIGNMENT

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

Title of Invention	<i>GEOHERMAL SYSTEM WITH EARTH GROUNDING COMPONENT</i>	
Signature of Inventor		
Inventor Name	<i>Kelly Johnson</i>	<i>Pedro Fernandez</i>
Date	<i>11/12/2012</i>	<i>11/12/12</i>
Residence (City/Sate)	6631 Lovington Dr. Dallas, TX 75252	6620 Camille Ave. Dallas 75252