

## 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>Jian YANG</td><td>10/25/2011</td></tr><tr><td>Shunan FAN</td><td>10/25/2011</td></tr><tr><td>Lei WANG</td><td>10/25/2011</td></tr></tbody></table>	Name	Execution Date	Jian YANG	10/25/2011	Shunan FAN	10/25/2011	Lei WANG	10/25/2011	
Name	Execution Date								
Jian YANG	10/25/2011								
Shunan FAN	10/25/2011								
Lei WANG	10/25/2011								
RECEIVING PARTY DATA									
Name:	HUAWEI TECHNOLOGIES CO., LTD.								
Street Address:	Huawei Administration Building, Bantian, Longgang District								
City:	Shenzhen, Guangdong, P.R.								
State/Country:	CHINA								
Postal Code:	518129								
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>13284039</td></tr></tbody></table>	Property Type	Number	Application Number:	13284039					
Property Type	Number								
Application Number:	13284039								
CORRESPONDENCE DATA									
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Address Line 2:	NW								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20001								
ATTORNEY DOCKET NUMBER:	11005.0568								
NAME OF SUBMITTER:	R. CREMEANS								
Total Attachments: 2 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif									

OP \$40.00 13284039

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PATENT  
REEL: 027141 FRAME: 0069

**ASSIGNMENT**

**WHEREAS, WE,**

Jian YANG  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. CHINA.; and

Shunan FAN  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. CHINA.; and

Lei WANG  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. CHINA.;

have invented and own a certain invention entitled:  
**NETWORK ACCESS METHOD, TERMINAL DEVICE, SERVER, AND  
COMMUNICATION SYSTEM**  
for which invention we have executed an application (provisional or non-provisional) for a U.S.  
patent, which was filed on \_\_\_\_\_, under U.S. Application No. \_\_\_\_\_, and

**WHEREAS, HUAWEI TECHNOLOGIES CO., LTD.,** of Huawei Administration  
Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China, hereinafter  
referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and  
interest in and under the invention described in the patent application.

**NOW, THEREFORE,** for good and valuable considerations, the receipt and sufficiency of  
which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's  
legal representatives, successors and assigns the full and exclusive rights in and to the invention  
in the U.S. 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, divisionals, 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 we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to  
the above-mentioned Assignee agreeably with the terms of this assignment document.

**WE HEREBY AUTHORIZE** the Assignee to insert in this assignment document the filing  
date and application number of the application if the date and number are unavailable at the  
time this document is executed.

**WE DO HEREBY COVENANT** and agree with the Assignee that we will not execute any  
writing or do any act whatsoever conflicting with the terms of this assignment document set  
forth herein, and that we will at any time upon request, without further or additional  
consideration, but at the expense of the Assignee, execute such additional assignments and  
other writings and do such additional acts as the Assignee may deem necessary or desirable to  
perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in

In re Appln. of Yang et al.  
Attorney Docket No. \_\_\_\_\_

reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date October 25, 2011

Jian Yang

Jian YANG

Date October 25, 2011

Kunkun Zhang

Witness

Date October 25, 2011

Rong Wang

Witness

Date October 25, 2011

Shunan Fan

Shunan FAN

Date October 25, 2011

Kunkun Zhang

Witness

Date October 25, 2011

Rong Wang

Witness

Date October 25, 2011

Lei Wang

Lei WANG

Date October 25, 2011

Kunkun Zhang

Witness

Date October 25, 2011

Rong Wang

Witness