

## 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 Gao</td> <td>11/06/2012</td> </tr> <tr> <td>Jianbo Liang</td> <td>11/06/2012</td> </tr> <tr> <td>Shilong Chen</td> <td>11/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jian Gao	11/06/2012	Jianbo Liang	11/06/2012	Shilong Chen	11/06/2012				
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<table border="1"> <tr> <td>Name:</td> <td>Huawei Technologies Co., Ltd</td> </tr> <tr> <td>Street Address:</td> <td>Huawei Administration Building, Bantian</td> </tr> <tr> <td>Internal Address:</td> <td>Longgang District, Guangdong</td> </tr> <tr> <td>City:</td> <td>Shenzhen</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> <tr> <td>Postal Code:</td> <td>518129</td> </tr> </table>		Name:	Huawei Technologies Co., Ltd	Street Address:	Huawei Administration Building, Bantian	Internal Address:	Longgang District, Guangdong	City:	Shenzhen	State/Country:	CHINA	Postal Code:	518129
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CORRESPONDENCE DATA													
<p>Fax Number: 9727329218  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 972 732 1001        Email: docketing@slater-matsil.com        Correspondent Name: Slater &amp; Matsil, L.L.P.        Address Line 1: 17950 Preston Road, Suite 1000        Address Line 4: Dallas, TEXAS 75252</p>													
ATTORNEY DOCKET NUMBER:	HW 83618390US01												
NAME OF SUBMITTER:	Shandy L. Sarchet												
<p>Total Attachments: 2        source=HW83618390US01_Assignment_PTO#page1.tif        source=HW83618390US01_Assignment_PTO#page2.tif</p>													

CH \$40.00 29431153

**PATENT**

Attorney Docket No. \_\_\_\_\_  
Client Reference No. 83618390U501

**ASSIGNMENT**

**WHEREAS, WE,**

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

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

Shilong CHEN  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. CHINA;

have invented and own a certain invention entitled:  
MANAGEMENT INTERFACE FOR MANAGING and MONITORING PHYSICAL  
SOURCES USED FOR CLOUD COMPUTING  
for which invention we have executed an application (provisional or non-provisional) for a U.S.  
patent, which was filed on 04 Sep 2012, under U.S. Application No. 29431153 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 Guo et al.  
Attorney Docket No. \_\_\_\_\_

making application for and obtaining original, continuation, continuation-in-part, divisional, 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 Nov. 06. 2012

Jian GAO

Jian GAO

Date Nov. 06. 2012

Sen WANG

Witness

Date Nov. 06. 2012

Xueyan HUANG

Witness

Date November, 06, 2012

Jianbo LIANG

Jianbo LIANG

Date Nov. 06. 2012

Sen WANG

Witness

Date Nov. 06. 2012

Xueyan HUANG

Witness

Date Nov, 06, 2012

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