

## 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>Mingyi DENG</td> <td>04/16/2012</td> </tr> <tr> <td>Xu TIAN</td> <td>04/16/2012</td> </tr> <tr> <td>Qiongtao REN</td> <td>04/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mingyi DENG	04/16/2012	Xu TIAN	04/16/2012	Qiongtao REN	04/16/2012
Name	Execution Date								
Mingyi DENG	04/16/2012								
Xu TIAN	04/16/2012								
Qiongtao REN	04/16/2012								
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>13457028</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13457028				
Property Type	Number								
Application Number:	13457028								
CORRESPONDENCE DATA									
Fax Number:	(202)408-4400								
Phone:	202-408-4000								
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Correspondent Name:	Huawei Technologies Co., Ltd./Finnegan								
Address Line 1:	901 New York Avenue								
Address Line 2:	NW								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20001								
ATTORNEY DOCKET NUMBER:	11005.0662								
NAME OF SUBMITTER:	R. CREMEANS								
Total Attachments: 6									

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**ASSIGNMENT**

**WHEREAS, WE,**

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

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

Qiongtao REN  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. CHINA;

have invented and own a certain invention entitled:  
**METHOD AND APPARATUS FOR CONTROLLING USER EQUIPMENTS**  
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 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

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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 April 16, 2012

Mingyi DENG  
Mingyi DENG

Date April 16, 2012

Wenya SUN  
Witness

Date April 16, 2012

Zijia HU  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Xu TIAN

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Qiongtao REN

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\_\_\_\_\_  
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Witness

Date \_\_\_\_\_  
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=====  
Date April 16, 2012 Xu TIAN  
Xu TIAN

Date April 16, 2012 Wenya SUN  
Witness

Date April 16, 2012 Zijia HU  
Witness

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Date \_\_\_\_\_ Qiongtao REN

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Xu TIAN

Date \_\_\_\_\_  
Witness

Date \_\_\_\_\_  
Witness

=====  
Date Apr. 16. 2012  
Qiongtao REN

Date Apr. 16. 2012  
Jun LIU  
Witness

Date Apr. 16. 2012  
Hong Jinsong  
Witness