


FORM PTO-1595 **CORRECTIV**

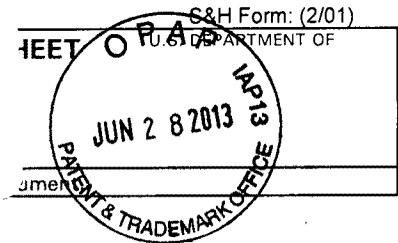
**MPD 0628-13**

To the Director of the U.S. Patent and Tr

07/23/2013



103660451



corr

1. Name of conveying party(ies):
  - 1) Guangdong WU
  - 2) Xianwen QIU
  
2. Name and Address of receiving party(ies):  
 HUAWEI TECHNOLOGIES CO., LTD.  
 Huawei Administration Building  
 Bantian, Longgang District  
 Shenzhen, 518129, Guangdong  
 P.R. China
  
3. Nature of conveyance:
 

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other: _____	

 Execution Date(s): 1) November 28, 2012; 2) November 21, 2012
  
4. Application number(s) or patent number(s):
 

This document is being filed together with a new application.

OR

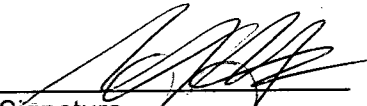
This document is being filed after filing of the application:

(a) Patent Application No(s). 13/705,334, filed December 5, 2012; or

(b) Patent No(s). , issued .
  
5. Name and address of party to whom correspondence concerning document should be mailed:  
 STAAS & HALSEY LLP Our Docket: 2230.1240  
 Attention: Gene M. Garner, II  
 1201 New York Ave., N.W., 7th Floor  
 Washington, D.C. 20005
  
6. Total number of applications and patents involved: 1
  
7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)
 

<input checked="" type="checkbox"/> Enclosed
<input type="checkbox"/> Authorized to be charged to credit card.
<input type="checkbox"/> Authorized to be charged to deposit account.
  
8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)

Gene M. Garner, II, Reg. No. 34,172  
 Name of Person Signing

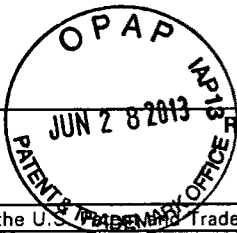
  
 Signature

June 28, 2013  
 Date

07/05/2013 HTON11 00000010 13705334

Total number of pages including cover sheet: 5

DO NOT USE THIS SPACE



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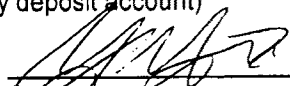
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(Attach duplicate copy of this page if paying by deposit account)

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 Name of Person Signing

  
 Signature

Dec. 5, 2012  
 Date

Total number of pages including cover sheet: 5

DO NOT USE THIS SPACE

**PATENT**

Attorney Docket No. \_\_\_\_\_  
Client Reference No. 82702537U504

**ASSIGNMENT**

**WHEREAS, WE,**

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

Xianwen QIU  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. CHINA;

have invented and own a certain invention entitled:  
**DELIVERED-BANDWIDTH ADJUSTMENT METHOD AND MODULE, AND DYNAMIC  
BANDWIDTH ASSIGNMENT DEVICE**  
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  
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

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

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 28, 2012

Guangdong WU  
Guangdong WU

Date Nov 28, 2012

Zhonghua LI  
Witness

Date Nov 28, 2012

Fang WAN  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Xianwen QIU

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

**PATENT**

Attorney Docket No. \_\_\_\_\_  
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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.

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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  
on the invention, and in enforcing any rights or chooses in action accruing as a result of such  
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IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date \_\_\_\_\_ Guangdong WU

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

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

Date 2012 / 11 / 21 Xianwen Qiu  
Xianwen QIU

Date 2012 / 11 / 21 Li Shan Shan  
Witness

Date 2012 / 11 / 21 weichao chen  
Witness