

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>Xiaoying Xu</td> <td>08/08/2013</td> </tr> <tr> <td>Xiaoxiao Zheng</td> <td>08/08/2013</td> </tr> <tr> <td>Lingli Pang</td> <td>08/08/2013</td> </tr> </tbody> </table>		Name	Execution Date	Xiaoying Xu	08/08/2013	Xiaoxiao Zheng	08/08/2013	Lingli Pang	08/08/2013				
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Huawei Technologies Co., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>Huawei Administration Building</td> </tr> <tr> <td>Internal Address:</td> <td>Bantian, Longgang District</td> </tr> <tr> <td>City:</td> <td>Shenzhen, Guangdong</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	Internal Address:	Bantian, Longgang District	City:	Shenzhen, Guangdong	State/Country:	CHINA	Postal Code:	518129
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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>13972499</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13972499								
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CORRESPONDENCE DATA													
<p>Fax Number: 3123214299 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 3123214200</p> <p>Email: rholmes@brinkshofer.com, cbrady@brinkshofer.com, USAssignments@brinkshofer.com</p> <p>Correspondent Name: Gustavo Siller, Jr.</p> <p>Address Line 1: Brinks Hofer Gilson & Lione</p> <p>Address Line 2: PO BOX 10395</p> <p>Address Line 4: Chicago, ILLINOIS 60610</p>													
ATTORNEY DOCKET NUMBER:	13674-1310												
NAME OF SUBMITTER:	Gustavo Siller, Jr.												

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PATENT
 REEL: 031054 FRAME: 0733

CH \$40.00 13972499

Signature:	/Gustavo Siller, Jr./
Date:	08/21/2013
Total Attachments: 3 source=13674-1310Recordation#page1.tif source=13674-1310Recordation#page2.tif source=13674-1310Recordation#page3.tif	

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below:

1. Name of conveying Party(ies):

XIAOYING XU/AUGUST 8, 2013
XIAOXIAO ZHENG/AUGUST 8, 2013
LINGLI PANG/AUGUST 8, 2013

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

2. Name and Address of receiving Party(ies):

Name: HUAWEI TECHNOLOGIES
CO.,LTD.

Address: Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R.China

Additional name(s) and addresses attached? ☐ Yes ☒ No

3. Nature of Conveyance/Execution Date(s):

Execution Date(s): August 8, 2013

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other: _____

4. Application or Patent Number(s).

☒ This document is being filed together with a new application.

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

BRINKS HOFER GILSON & LIONE
PO BOX 10395
CHICAGO, IL 60610
Phone: (312) 321-4200
Fax: (312) 321-4299

6. Total no. of applications & patents involved: 1

7. Total Fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorize charge by credit card
☒ Authorize charge to Deposit Account No. 23-1925
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information:

- a. ☐ Credit Card: Last 4 Numbers
Expiration Date
b. ☒ Charge fee and/or any Deficiencies to Deposit
Account Number 23-1925
Authorized User Name: Brinks Hofer Gilson & Lione

9. Signature:

/Gustavo Siller, Jr./

Signature

Gustavo Siller, Jr.

Name of Person Signing

August 21, 2013

Date

Total no. of pages including coversheet,
attachments and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, PO Box 1450, Alexandria, VA 22313-1450

PATENT

Attorney Docket No. _____
Client Reference No. 83098449US04

ASSIGNMENT

WHEREAS, WE,

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

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

Lingli PANG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:
METHOD, DEVICE AND SYSTEM FOR PROCESSING GROUP MESSAGE
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

PATENT

REEL: 031054 FRAME: 0736

In re Appln. of Xu et al.
 Attorney Docket No. _____

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 <u>Aug 8, 2013</u>	<u>Xiaoying XU</u> Xiaoying XU
Date <u>Aug 8, 2013</u>	<u>Min XU</u> Witness
Date <u>Aug 8, 2013</u>	<u>Yuan LIN</u> Witness

Date <u>Aug 8, 2013</u>	<u>Xiaoxiao ZHENG</u> Xiaoxiao ZHENG
Date <u>Aug 8, 2013</u>	<u>Jun CHEN</u> Witness
Date <u>Aug 8, 2013</u>	<u>Dong CHEN</u> Witness

Date <u>Aug 8, 2013</u>	<u>Lingli PANG</u> Lingli PANG
Date <u>Aug 8, 2013</u>	<u>Li FENG</u> Witness
Date <u>Aug 8, 2013</u>	<u>Ying WANG</u> Witness