

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | |
|---|---|---------------|-------------------------------|---------------------|---|----------|------------|----------------|------------|--------------|------------|-----------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Qingquan Liu</td> <td>10/13/2009</td> </tr> <tr> <td>Lixin Hu</td> <td>11/10/2009</td> </tr> <tr> <td>Yang Wang</td> <td>10/13/2009</td> </tr> <tr> <td>Weihua Yin</td> <td>11/10/2009</td> </tr> <tr> <td>Ning Chen</td> <td>10/13/2009</td> </tr> </tbody> </table> | | Name | Execution Date | Qingquan Liu | 10/13/2009 | Lixin Hu | 11/10/2009 | Yang Wang | 10/13/2009 | Weihua Yin | 11/10/2009 | Ning Chen | 10/13/2009 |
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| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Huawei Technologies Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>Huawei Administration Building, Bantian, 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, Longgang District, Guangdong | City: | Shenzhen | State/Country: | CHINA | Postal Code: | 518129 | | |
| Name: | Huawei Technologies Co., Ltd. | | | | | | | | | | | | |
| Street Address: | Huawei Administration Building, Bantian, Longgang District, Guangdong | | | | | | | | | | | | |
| City: | Shenzhen | | | | | | | | | | | | |
| State/Country: | CHINA | | | | | | | | | | | | |
| Postal Code: | 518129 | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12617288</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12617288 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 12617288 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| <p>Fax Number: (212)527-7701 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2125277700</p> <p>Email: kma@darbylaw.com</p> <p>Correspondent Name: Pierre R. Yanney</p> <p>Address Line 1: P.O. Box 770, Church Street Station</p> <p>Address Line 4: New York, NEW YORK 10008-0770</p> | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 21370/0213012-US0 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Kenneth Ma | | | | | | | | | | | | |

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PATENT
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Total Attachments: 6

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PATENT

Attorney Docket No. _____
Client Reference No. 0714537US

ASSIGNMENT

WHEREAS, WE,

Qingquan LIU
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA
Yang WANG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA
Ning CHEN
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA

Lixin HU
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA
Weihua YIN
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA

have invented and own a certain invention entitled:

method and system For processing 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.

PATENT

REEL : 023513 FRAME: 0068

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

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 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>2009-10-13</u> | <u>Qingquan Liu</u> Qingquan LIU |
| Date <u>2009-10-13</u> | <u>Zhangguo Shen</u> Witness |
| Date <u>2009-10-13</u> | <u>Zhang Zhiyuan</u> Witness |

| | |
|------------|-------|
| Date _____ | _____ |
| Date _____ | _____ |
| Date _____ | _____ |

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

Date _____ Qingquan LIU

Date _____ Witness

Date _____ Witness

=====

Date 2009.11.10 Lixin hu
 Lixin HU

Date 2009.11.10 Xiao yan BAZ
 Witness

Date 2009.11.10 Shuang Lin
 Witness

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

Date 2009-10-13

Wang Yang
Yang WANG

Date 2009-10-13

Liu Desheng
Witness

Date 2009-10-13

Bai Guanhua
Witness

=====

Date _____

Weihua YIN

Date _____

Witness

Date _____

Witness

Date _____

Ning CHEN

Date _____

Witness

Date _____

Witness

=====

10: Bai Guanhua

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

Date _____

Yang WANG

Date _____

Witness

Date _____

Witness

Date 10th November 2009

Weihua YIN
Weihua YIN

Date 10th November 2009

Bing HUA
Witness

Date 10th November 2009

Ju Fei
Witness

Date _____

Ning CHEN

Date _____

Witness

Date _____

Witness

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Date _____

Yang WANG

Date _____

Witness

Date _____

Witness

Date _____

Weihua YIN

Date _____

Witness

Date _____

Witness

Date 13th October 2009

Ning CHEN
Ning CHEN

Date 13th Oct 2009

Xing SHU
Witness

Date 13th Oct 2009

Xinjiang GULI
Witness