

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Feng Qian</td> <td>04/16/2012</td> </tr> <tr> <td>Linda Dunbar</td> <td>04/17/2012</td> </tr> <tr> <td>Feng Hu</td> <td>04/16/2012</td> </tr> <tr> <td>Zhusheng Deng</td> <td>04/18/2012</td> </tr> <tr> <td>Huihua Song</td> <td>04/16/2012</td> </tr> <tr> <td>Jianfei Yue</td> <td>04/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Feng Qian	04/16/2012	Linda Dunbar	04/17/2012	Feng Hu	04/16/2012	Zhusheng Deng	04/18/2012	Huihua Song	04/16/2012	Jianfei Yue	04/16/2012
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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</td> </tr> <tr> <td>Internal Address:</td> <td>Bantian, Longgang District</td> </tr> <tr> <td>City:</td> <td>Shenzhen, Guangdong, P.R.</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, P.R.	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>13453189</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13453189										
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Application Number:	13453189														
CORRESPONDENCE DATA															
Fax Number:	(202)408-4400														
Phone:	202-408-4000														
Email:	will.chen@finnegan.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
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														

CH \$40.00 13453189

ATTORNEY DOCKET NUMBER:	11005.0678
NAME OF SUBMITTER:	Weiguo Chen
<p>Total Attachments: 6</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p> <p>source=Assignment#page3.tif</p> <p>source=Assignment#page4.tif</p> <p>source=Assignment#page5.tif</p> <p>source=Assignment#page6.tif</p>	

ASSIGNMENT

WHEREAS, We,

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

Linda
America-Plano-5340 Legacy Dr.,
Suite 175 Plano, TX 75024; and

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

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

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

Jianfei YUE
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:
METHOD FOR MANAGING CUSTOMER EDGE DEVICE AUTOMATICALLY AND PE
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.

In re Appln. of Qian 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>April 16, 2012</u>	<u>Feng QIAN</u> Feng QIAN
Date <u>April 16, 2012</u>	<u>Jin LIU</u> Witness
Date <u>April 16, 2012</u>	<u>Kang ZI</u> Witness

Date _____	_____ Linda
Date _____	_____ Witness
Date _____	_____ Witness

Date _____	_____ Feng HU
Date _____	_____ Witness
Date _____	_____ Witness

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

Date _____

Feng QIAN

Date _____

Witness

Date _____

Witness

Date 4/17/2012


Linda

Date 4/17/2012


Witness

Date 4/17/2012

Liwen LONG
Witness

Date _____

Feng HU

Date _____

Witness

Date _____

Witness

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Date _____
Witness

Date _____
Witness

Date _____
Linda

Date _____
Witness

Date _____
Witness

Date April 16, 2012
Feng HU

Date April 16, 2012
Li Li
Witness

Date April 16, 2012
CHEN Yi
Witness

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

Date April 18, 2012

Zhusheng DENG

Zhusheng DENG

Date April 18, 2012

Yanfang

Witness

Date April 18, 2012

Honghua Nie

Witness

Date _____

Huihua SONG

Date _____

Witness

Date _____

Witness

Date _____

Jianfei YUE

Date _____

Witness

Date _____

Witness

Date _____

Zhusheng DENG

Date _____

Witness

Date _____

Witness

Date Apr. 16. 2012

Huihua SONG
Huihua SONG

Date Apr. 16. 2012

Senlin BAO
Witness

Date Apr. 16. 2012

Jun YANG
Witness

Date Apr. 16. 2012

Jianfei YUE
Jianfei YUE

Date Apr. 16. 2012

Guo Jin Wang
Witness

Date Apr. 16. 2012

Fei MAO
Witness