

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>Haitao Zhen</td> <td>09/25/2012</td> </tr> <tr> <td>Yongxiang Yang</td> <td>09/25/2012</td> </tr> <tr> <td>Xuxing Yan</td> <td>09/25/2012</td> </tr> </tbody> </table>		Name	Execution Date	Haitao Zhen	09/25/2012	Yongxiang Yang	09/25/2012	Xuxing Yan	09/25/2012
Name	Execution Date								
Haitao Zhen	09/25/2012								
Yongxiang Yang	09/25/2012								
Xuxing Yan	09/25/2012								
RECEIVING PARTY DATA									
Name:	HUAWEI DEVICE CO., LTD.								
Street Address:	Building B2 Huawei Industrial Base								
Internal Address:	Bantian, Longgang District								
City:	Shenzhen, Guangdong								
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>13648761</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13648761				
Property Type	Number								
Application Number:	13648761								
CORRESPONDENCE DATA									
Fax Number:	3123214299								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	3123214200								
Email:	usassignments@brinkshofer.com, cbrady@brinkshofer.com								
Correspondent Name:	Gustavo Siller, Jr.								
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Address Line 4:	Chicago, ILLINOIS 60611								
ATTORNEY DOCKET NUMBER:	13674-964								
NAME OF SUBMITTER:	Gustavo Siller, Jr.								
Total Attachments: 3 source=13674-964Assignment#page1.tif source=13674-964Assignment#page2.tif source=13674-964Assignment#page3.tif									

CH \$40.00 13648761

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):

HAITAO ZHEN/SEPTEMBER 25, 2012
YONGXIANG YANG/SEPTEMBER 25, 2012
XUXING YAN/SEPTEMBER 25, 2012

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

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

Name: HUAWEI DEVICE CO.,LTD.
Address: Building B2, Huawei Industrial Base
Bantian Longgang District
Shenzhen, 51829, Guangdong
P. R. China

Additional name(s) and addresses attached? Yes No

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

Execution Date(s): September 25, 2012

- 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./

October 10, 2012

Signature

Date

Gustavo Siller, Jr.

Name of Person Signing

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

ASSIGNMENT

WHEREAS, WE,

Haitao ZHEN BuildingB2, Huawei Industrial Base Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA.;and	Yongxiang YANG BuildingB2,HuaweiIndustrialBase Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA.;and
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Xuxing YAN
BuildingB2, Huawei Industrial Base
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA.;

have invented and own a certain invention entitled:
**EARPHONE POWER AMPLIFIER, WORKING METHOD, AND MOBILE TERMINAL
EQUIPMENT**
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 DEVICE CO., LTD., of BuildingB2, Huawei Industrial Base,
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

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

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 2012 - 9 - 25

Haitao ZHEN

Haitao ZHEN

Date 2012 - 9 - 25

Wenchao XIAO

Witness

Date 2012 - 9 - 25

Xiaojin Zhu

Witness

Date 2012 - 9 - 25

Yongxiang YANG

Yongxiang YANG

Date 2012 - 9 - 25

Wenchao XIAO

Witness

Date 2012 - 9 - 25

Xiaojin Zhu

Witness

Date 2012 - 9 - 25

Xuxing YAN

Xuxing YAN

Date 2012 - 9 - 25

Wenchao XIAO

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Xiaojin Zhu

Witness