

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHUNYANG ZHAO	03/12/2015
RECEIVING PARTY DATA	
Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	HUAWEI ADMINISTRATION BUILDING
Internal Address:	BANTIAN, LONGGANG DISTRICT, GUANGDONG
City:	SHENZHEN
State/Country:	CHINA
Postal Code:	518129
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14143729
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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ATTORNEY DOCKET NUMBER:	13674-1316
NAME OF SUBMITTER:	GUSTAVO SILLER, JR.
SIGNATURE:	/Gustavo Siller, Jr./
DATE SIGNED:	03/12/2015
Total Attachments: 3	
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source=13674-1316Assignment#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): <p align="center">CHUNYANG ZHAO / MARCH 12, 2015</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of Conveyance/Execution Date(s): Execution Date(s): <u>March 12, 2015</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other: _____	4. Application or Patent Number(s). <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s): 14/143,729 B. Patent No.(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address of party to whom correspondence concerning document should be mailed: <p align="center">BRINKS GILSON & LIONE PO BOX 10395 CHICAGO, IL 60610 Phone: (312) 321-4200 Fax: (312) 321-4299</p>	6. Total no. of applications & patents involved: <u>1</u> 7. Total Fee (37 CFR 1.21(h) & 3.41) \$ <input type="checkbox"/> Authorize charge by credit card <input type="checkbox"/> Authorize charge to Deposit Account No. 23-1925 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> None required (government interest not affecting title)
9. Signature: _____ <p align="center">Signature Gustavo Siller, Jr. Name of Person Signing</p>	8. Payment Information: a. <input type="checkbox"/> Credit Card: Last 4 Numbers Expiration Date b. <input checked="" type="checkbox"/> Charge fee and/or any Deficiencies to Deposit Account Number 23-1925 Authorized User Name: Brinks Gilson & Lione Total no. of pages including coversheet, attachments and documents: <u>3</u>
9. Signature: <u>/Gustavo Siller, Jr./</u> _____ <p align="center">Signature Gustavo Siller, Jr. Name of Person Signing</p>	

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. 13674-1316
Client Reference No. 83281039U503

ASSIGNMENT

WHEREAS, I,

Chunyang ZHAO
Huawei Administration Building,
Bantian, Longgang District,
Shenzhen, 518129, Guangdong,
P.R. China

have invented and own a certain invention entitled:
I/O BALANCE PROCESSING METHOD AND DEVICE
for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 30 Dec 2013, under U.S. Application No. 14143729, 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 that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

PATENT

In re Appln. of Zhao et al.
Attorney Docket No. 13674-1316

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

Date 03/12/2015

Chunyang ZHAO
Chunyang ZHAO