

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2628450

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>SHAOHUA WANG</td> <td>11/15/2013</td> </tr> <tr> <td>ZHIKAI WEN</td> <td>11/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	SHAOHUA WANG	11/15/2013	ZHIKAI WEN	11/15/2013						
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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</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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Application Number:	14087700												
CORRESPONDENCE DATA													
Fax Number:	(312)616-5700												
Phone:	312-616-5600												
Email:	assignments@leydig.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	LEYDIG, VOIT & MAYER, LTD.												
Address Line 1:	TWO PRUDENTIAL PLAZA, SUITE 4900												
Address Line 2:	180 N. STETSON AVENUE												
Address Line 4:	CHICAGO, ILLINOIS 60601-6731												
ATTORNEY DOCKET NUMBER:	HW715549												
NAME OF SUBMITTER:	JOHN B. CONKLIN												
Signature:	/John B. Conklin/												

Date:

11/25/2013

Total Attachments: 2

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**PATENT**

Attorney Docket No. HW715549  
Client Reference No. 83340887U504

**ASSIGNMENT**

**WHEREAS, WE,**

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

Zhikai WEN  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. CHINA;

have invented and own a certain invention entitled:  
**THREE-PHASE INTERLEAVE CONVERTER WITH THREE-STATE SWITCHING CELL**  
for which invention we have executed an application (provisional or non-provisional) for a U.S.  
patent, which was filed on 11/22/2013, under U.S. Application No. \_\_\_\_\_ and  
14/087,700

**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.

In re Appln. of Wang et al.  
Attorney Docket No. HW715549

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

Date NOV. 15, 2013

Shaohua WANG  
Shaohua WANG

Date NOV. 15, 2013

Tao ZENG  
Witness

Date NOV. 15, 2013

Qingzu Hong  
Witness

Date NOV. 15, 2013

Zhikai WEN  
Zhikai WEN

Date NOV. 15, 2013

Xi'iong Zhang  
Witness

Date NOV. 15, 2013

Hongxu Jiang  
Witness