

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3400482

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the THE FIRST ASSIGNORS NAME FROM ZHANG, XUEFANG TO ZHANG, XUEFENG previously recorded on Reel 035811 Frame 0173. Assignor(s) hereby confirms the THE ASSIGNOR SHOULD READ ZHANG, XUEFENG.						
<b>CONVEYING PARTY DATA</b>							
	<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>XUEFENG ZHANG</td> <td>02/10/2015</td> </tr> <tr> <td>WENJIE AN</td> <td>02/11/2015</td> </tr> </tbody> </table>	Name	Execution Date	XUEFENG ZHANG	02/10/2015	WENJIE AN	02/11/2015
Name	Execution Date						
XUEFENG ZHANG	02/10/2015						
WENJIE AN	02/11/2015						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	HUAWEI TECHNOLOGIES CO., LTD.						
<b>Street Address:</b>	Huawei Administration Building						
<b>Internal Address:</b>	Bantian, Longgang District						
<b>City:</b>	Shenzhen						
<b>State/Country:</b>	CHINA						
<b>Postal Code:</b>	518129						
<b>PROPERTY NUMBERS Total: 1</b>							
	<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14708791</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	14708791		
Property Type	Number						
Application Number:	14708791						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(972)731-2289						
<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>							
<b>Phone:</b>	972-731-2288						
<b>Email:</b>	dallaspatents@dfw.conleyrose.com						
<b>Correspondent Name:</b>	GRANT RODOLPH						
<b>Address Line 1:</b>	5601 GRANITE PARKWAY, SUITE 500						
<b>Address Line 4:</b>	PLANO, TEXAS 75024-6616						
<b>ATTORNEY DOCKET NUMBER:</b>	4202-83500 (83482007US03)						
<b>NAME OF SUBMITTER:</b>	GRANT RODOLPH						
<b>SIGNATURE:</b>	/Grant Rodolph/						
<b>DATE SIGNED:</b>	06/17/2015						
<b>Total Attachments: 5</b>							
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<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3389383

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
XUEFANG ZHANG	02/10/2015
WENJIE AN	02/11/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HUAWEI TECHNOLOGIES CO., LTD.
<b>Street Address:</b>	Huawei Administration Building
<b>Internal Address:</b>	Bantian, Longgang District
<b>City:</b>	Shenzhen
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	518129
<b>PROPERTY NUMBERS Total: 1</b>	
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Application Number:	14708791
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(972)731-2289
<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>	
<b>Phone:</b>	972-731-2288
<b>Email:</b>	dallaspatents@dfw.conleyrose.com
<b>Correspondent Name:</b>	GRANT RODOLPH
<b>Address Line 1:</b>	5601 GRANITE PARKWAY, SUITE 500
<b>Address Line 4:</b>	PLANO, TEXAS 75024-6616
<b>ATTORNEY DOCKET NUMBER:</b>	4202-83500 (83482007US03)
<b>NAME OF SUBMITTER:</b>	GRANT RODOLPH
<b>SIGNATURE:</b>	/Grant Rodolph/
<b>DATE SIGNED:</b>	06/09/2015
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

**WHEREAS, WE,**

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

Wenjie AN  
Huawei Administration Building  
Bantian, Longgang District  
Shenzhen, 518129, Guangdong  
P.R. CHINA.

have invented and own a certain invention entitled:  
**CONTENT SEARCHING CHIP AND SYSTEM BASED ON PERIPHERAL COMPONENT  
INTERCONNECT BUS**  
for which invention we have executed an application (provisional or non-provisional) for a U.S.  
patent, which was filed on 11 May 2015, under U.S. Application No. 14/708,791 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.

In re Appln. of ZHANG et al.  
Attorney Docket No. 4202-83500

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

Date 10 Feb 2015

Xuefeng ZHANG  
Xuefeng ZHANG

Date \_\_\_\_\_

\_\_\_\_\_  
Wenjie AN

In re Appln. of ZHANG et al.  
Attorney Docket No. 4202-83500

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

Date \_\_\_\_\_

\_\_\_\_\_  
Xuefeng ZHANG

Date Feb 11, 2015

Wenjie AN  
\_\_\_\_\_  
Wenjie AN