

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>Xiangbin Liu</td> <td>06/05/2012</td> </tr> <tr> <td>Luoying Yin</td> <td>06/05/2012</td> </tr> <tr> <td>Sen Zhang</td> <td>06/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Xiangbin Liu	06/05/2012	Luoying Yin	06/05/2012	Sen Zhang	06/05/2012
Name	Execution Date								
Xiangbin Liu	06/05/2012								
Luoying Yin	06/05/2012								
Sen Zhang	06/05/2012								
RECEIVING PARTY DATA									
Name:	Hisilicon Technologies Co., Ltd.								
Street Address:	Huawei Administration Building								
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>13523279</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13523279				
Property Type	Number								
Application Number:	13523279								
CORRESPONDENCE DATA									
Fax Number:	(312)321-4299								
Phone:	3123214200								
Email:	usassignments@brinkshofer.com, cbrady@brinkshofer.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:	Gustavo Siller, Jr.								
Address Line 1:	Brinks, Hofer, Gilson & Lione								
Address Line 2:	P.O. BOX 10395								
Address Line 4:	Chicago, ILLINOIS 60610								
ATTORNEY DOCKET NUMBER:	13674-840								
NAME OF SUBMITTER:	Gustavo Siller, Jr.								
Total Attachments: 3 source=13674-840Assignment#page1.tif source=13674-840Assignment#page2.tif source=13674-840Assignment#page3.tif									

CH \$40.00 13523279

ASSIGNMENT

WHEREAS, WE,

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

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

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

have invented and own a certain invention entitled:
Pass-by Breakpoint Setting and Debugging Method and 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.

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

In re Appln. of Liu 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 Jun. 5, 2012

Xiangbin LIU
Xiangbin LIU

Date Jun 5, 2012.

Hai HUANG
Witness

Date June 5, 2012

CKoo (David Koo)
Witness

Date Jun. 5, 2012

Luoying YIN
Luoying YIN

Date Jun. 5, 2012

Dong Tang
Witness

Date Jun. 5, 2012

Chi ZHANG
Witness

Date Jun. 5, 2012

Sen ZHANG
Sen ZHANG

Date Jun. 5, 2012

Tong ZHOU
Witness

Date Jun. 5, 2012

Wei ZHANG
Witness