

PATENT ASSIGNMENT COVER SHEET

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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>QINGPENG XIE</td> <td>10/09/2013</td> </tr> <tr> <td>FUZHENG YANG</td> <td>10/09/2013</td> </tr> <tr> <td>SHUAI WAN</td> <td>10/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	QINGPENG XIE	10/09/2013	FUZHENG YANG	10/09/2013	SHUAI WAN	10/09/2013
Name	Execution Date								
QINGPENG XIE	10/09/2013								
FUZHENG YANG	10/09/2013								
SHUAI WAN	10/09/2013								
RECEIVING PARTY DATA									
Name:	Huawei Technologies Co., LTD								
Street Address:	Huawei Administration Building								
Internal Address:	Longgang District, Guangdong								
City:	Shenzhen								
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>14050740</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14050740				
Property Type	Number								
Application Number:	14050740								
CORRESPONDENCE DATA									
Fax Number:	(972)732-9218								
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Address Line 2:	SUITE 1000								
Address Line 4:	DALLAS, TEXAS 75252								
ATTORNEY DOCKET NUMBER:	HW 0812354-2US								
NAME OF SUBMITTER:	ANNETTE ARMSTRONG								

Signature:	/Annette Armstrong/
Date:	11/06/2013
Total Attachments: 2 source=HUA-0812354-2US Signed Assignment#page1.tif source=HUA-0812354-2US Signed Assignment#page2.tif	

PATENT

Attorney Docket No. _____
Client Reference No. 0812354-2US

ASSIGNMENT

WHEREAS, WE,

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

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

Shuai WAN
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:
Method, Apparatus and System for Evaluating Quality of Video Streams
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 Xie 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 <u>Oct 9. 2013</u>	<u>Qingpeng XIE</u> Qingpeng XIE
Date <u>Oct 9. 2013</u>	<u>Bing CHEN</u> Witness
Date <u>Oct 9. 2013</u>	<u>Haitao YANG.</u> Witness

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Date <u>Oct 9. 2013</u>	<u>Fuzheng YANG</u> Fuzheng YANG
Date <u>Oct 9. 2013</u>	<u>Bing CHEN</u> Witness
Date <u>Oct. 9. 2013</u>	<u>Haitao YANG.</u> Witness

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Date <u>Oct 9, 2013</u>	<u>Shuai WAN</u> Shuai WAN
Date <u>Oct 9, 2013</u>	<u>Bing CHEN</u> Witness
Date <u>Oct 9. 2013</u>	<u>Haitao YANG.</u> Witness