PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Bingzhao LI	01/10/2013
Yanyan CHEN	01/10/2013
Chunchun LV	01/10/2013
Qucai CHEN	01/20/2013

RECEIVING PARTY DATA

Name:	Huawei 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

Property Type	Number
Application Number:	13750233

HW712160

CORRESPONDENCE DATA

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NAME OF SUBMITTER: John B. Conklin

Total Attachments: 3

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ATTORNEY DOCKET NUMBER:

PATENT REEL: 029694 FRAME: 0920 13750233

CH \$40 00

Attorney Docket No. <u>HW71216</u>0 Client Reference No. 82868083US05

ASSIGNMENT

WHEREAS, WE,

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

Chunchun LV Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and Yanyan CHEN Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and

Qucai CHEN Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA;

have invented and own a certain invention entitled:

System for Implementing Multiple Radio Access Networks (RANS) Convergence and Method thereof

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 01/25/13, 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

PATENT REEL: 029694 FRAME: 0921 In re Appln. of Li et al.
Attorney Docket No. <u>HW7121</u>60

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 Jon 10, 2013	方でする。 Bingzhao LI
Date <u>Jan 10, 2013</u>	Yuliang ZHI Witness
Date <u>Jan 10, 2013</u>	Liji WU Witness
Date <u>Jan 10</u> , 2013	Yanyan CHZN Yanyan CHEN
Date Jan 10, 2013	Yuliang ZHL Witness
Date Jun 10 2013	Liji WU Witness
Date	Chunchun LV
Date	Witness
Date	Witness
	TO SECURE AND REPORTED AND PROCESSION AND ADMINISTRA
Date	Queai CHEN
Date	Witness
Date	Witness

PATENT REEL: 029694 FRAME: 0922 In re Appln. of Li et al. Attorney Docket No. HW712160

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	Bingzhao LI
Date	Witness
Date	Witness
Date	Yanyan CHEN
Date	Witness
Date	Witness
Date Jan 10, 2013	Chun Chun LV Chunchun LV
Date Jan 10, 2013	Sun Guanyyong Witness
Date Jan 10.2013	Witness Live Live
Date Jon 10.2013	Qu cai CHEN Qucai CHEN
Date Jan 10.2013	Witness Li Yuan Jun
Date <u>Jace</u> 22. 2013	Witness Qu Transping
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