11/12/2014 503058917

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3105519

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZONGQUAN TANG	10/27/2014
XINFA WANG	10/29/2014
JIANCHENG DU	10/29/2014
LI CHEN	10/28/2014
XIALING LIU	10/29/2014
LIMIN XIA	10/28/2014

RECEIVING PARTY DATA

Name:	HUAWEI TECHNOLOGIES CO., LTD.	
Street Address:	HUAWEI ADMINISTRATION BUILDING, BANTIAN	
Internal Address:	LONGGANG DISTRICT,	
City:	SHENZHEN, 518129, GUANGDONG, P.R.	
State/Country:	CHINA	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14539663

CORRESPONDENCE DATA

Fax Number: (972)628-3616

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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NAME OF SUBMITTER:	ROBERT D. MCCUTCHEON	
SIGNATURE:	/robert d. mccutcheon/	
DATE SIGNED:	11/12/2014	

Total Attachments: 12

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> **PATENT REEL: 034158 FRAME: 0278** 503058917

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PATENT REEL: 034158 FRAME: 0279

ASSIGNMENT

WHEREAS, WE,

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

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

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

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

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

Limin XIA 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 BEARING CIRCUIT SWITCHED DOMAIN
SERVICE DATA OVER RADIO BEARER
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.

In re App	oln. of	TANG	et al.	
Attorney				

Date Oct 27,2014	Zongquan TANG Zongquan TANG
	Zongquan TANG
Date	
	Xinfa WANG
Date	
	Jiancheng DU
Date	
	Li CHEN
Date	
Date	Xialing LIU
Date	
Date	Limin XIA

ASSIGNMENT

WHEREAS, WE,

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

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In re	Appln.	of	TANG	et al.
	ney Do			

Date	
	Zongquan TANG
Date Oct. 29, 2014	Xin fa WANG
	Alina WANO
Date	
	Jiancheng DU
Date	
	Li CHEN
Dota	
Date	Xialing LIU
Doto	
Date	Limin XIA

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In re App	ln. of	TANG	et al.
Attorney	Docke	t No.	

Date	
	Zongquan TANG
Date	
•	Xinfa WANG
Date 0 4 29, 2014	Jian cheng DU Jiancheng DU
Date	
	Li CHEN
Date	
	Xialing LIU
Date	
	Limin XIA

ASSIGNMENT

WHEREAS, WE,

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Jiancheng DU
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
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Xialing LIU Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and Xinfa WANG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and

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Huawei Administration Building
Bantian, Longgang District
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In re Appln. of	TANG et al.
Attorney Docke	et No.

Date	
	Zongquan TANG
Date	
	Xinfa WANG
Date	
	Jiancheng DU
Date Oct. 28, 2014	Li CHEN
	Li CHEN
Date	
	Xialing LIU
Date	
	Limin XIA

ASSIGNMENT

Xinfa WANG

WHEREAS, WE,

Zongquan TANG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA: and

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In re Appln. of TANG et a	1.
Attorney Docket No.	

Date	
	Zongquan TANG
Date	
	Xinfa WANG
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	Jiancheng DU
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Date <u>Oct 29</u> , 2014	Xialing LIU Xialing LIU
	Alaling 1.10
Date	Limin XIA
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	Zongquan TANG
Date	
	Xinfa WANG
Date	Jiancheng DU
	-
Date	;
	Li CHEN
Date	
	Xialing LIU
Date 007 28, 2014	Limin Xia
	Limin XIA