

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3970191

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
XIAOFEI ZHAO	06/22/2016
HAI LIAN	06/23/2016
SHUJUN DANG	06/07/2016
GUOQIONG CAO	06/30/2016
SHENYUN ZHANG	06/07/2016
HAIHONG LIN	06/08/2016
XIAOYUN JING	06/24/2016
RECEIVING PARTY DATA	
Name:	HUAWEI DEVICE CO., LTD.
Street Address:	Building B2, Huawei Industrial Base
Internal Address:	Bantian, Longgang District
City:	Shenzhen
State/Country:	CHINA
Postal Code:	518129
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15199188
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	972-731-2288
Email:	dallaspatents@dfw.conleyrose.com
Correspondent Name:	GRANT RODOLPH
Address Line 1:	5601 GRANITE PARKWAY, SUITE 500
Address Line 4:	PLANO, TEXAS 75024-6616
ATTORNEY DOCKET NUMBER:	4437-19801 (83440067US08)
NAME OF SUBMITTER:	GRANT RODOLPH
SIGNATURE:	/Grant Rodolph/

DATE SIGNED:	07/20/2016
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Total Attachments: 8

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- source=4437-19801 Signed Assignment#page2.tif
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- source=4437-19801 Signed Assignment#page8.tif

ASSIGNMENT

WHEREAS, WE,

Xiaofei ZHAO
 BuildingB2, Huawei Industrial Base
 Bantian, Longgang District
 Shenzhen, 518129, Guangdong
 P.R. CHINA ;and

Hai LIAN
 BuildingB2, Huawei Industrial
 Base Bantian, Longgang District
 Shenzhen, 518129, Guangdong
 P.R. CHINA ;and

Shujun DANG
 BuildingB2, Huawei Industrial Base
 Bantian, Longgang District
 Shenzhen, 518129, Guangdong
 P.R. CHINA ;and

Guoqiong CAO
 BuildingB2, Huawei Industrial
 Base Bantian, Longgang District
 Shenzhen, 518129, Guangdong
 P.R. CHINA ;and

Shenyun ZHANG
 BuildingB2, Huawei Industrial Base
 Bantian, Longgang District
 Shenzhen, 518129, Guangdong
 P.R. CHINA ;and

Haihong LIN
 BuildingB2, Huawei Industrial
 Base Bantian, Longgang District
 Shenzhen, 518129, Guangdong
 P.R. CHINA ;and

Xiaoyun JING
 BuildingB2, Huawei Industrial Base
 Bantian, Longgang District
 Shenzhen, 518129, Guangdong
 P.R. CHINA.

have invented and own a certain invention entitled:
 Service Control Method, Terminal, and Network Device
 for which invention we have executed an application (provisional or non-provisional) for a U.S.
 patent, which was filed on 30 June 2016, under U.S. Application No. 15/199,188, and

WHEREAS, HUAWEI DEVICE CO., LTD., of BuildingB2, Huawei Industrial Base,
 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 Appln. of ZHAO et al.
Attorney Docket No. 4437-19801

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

Date <u>2016.6.22</u>	<u>Xiaofei ZHAO</u> Xiaofei ZHAO
Date _____	_____ Hai LIAN
Date _____	_____ Shujun DANG
Date _____	_____ Guoqiong CAO
Date _____	_____ Shenyun ZHANG
Date _____	_____ Haihong LIN
Date _____	_____ Xiaoyun JING

In re Appln. of ZHAO et al.
Attorney Docket No. 4437-19801

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

Date _____	_____
Date <u>Jun 23, 2016</u>	Xiaofei ZHAO
_____	<u>Hai LIAN</u>
_____	Hai LIAN
Date _____	_____
_____	Shujun DANG
Date _____	_____
_____	Guoqiong CAO
Date _____	_____
_____	Shenyun ZHANG
Date _____	_____
_____	Haihong LIN
Date _____	_____
_____	Xiaoyun JING

In re Appln. of ZHAO et al.
Attorney Docket No. 4437-19801

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

Date _____
Xiaofei ZHAO

Date _____
Hai LIAN

Date June 17, 2016
Shujun Dang
Shujun DANG

Date _____
Guoqiong CAO

Date _____
Shenyun ZHANG

Date _____
Haihong LIN

Date _____
Xiaoyun JING

In re Appln. of ZHAO et al.
Attorney Docket No. 4437-19801

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

Date _____
Xiaofei ZHAO

Date _____
Hai LIAN

Date _____
Shujun DANG

Date June 30, 2016
Guoqiong CAO
Guoqiong CAO

Date _____
Shenyun ZHANG

Date _____
Haihong LIN

Date _____
Xiaoyun JING

In re Appln. of ZHAO et al.
Attorney Docket No. 4437-19801

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

Date _____
Xiaofei ZHAO

Date _____
Hai LIAN

Date _____
Shujun DANG

Date _____
Guoqiong CAO

Date June 7, 2016
Shenyun Zhang
Shenyun ZHANG

Date _____
Haihong LIN

Date _____
Xiaoyun JING

In re Appln. of ZHAO et al.
Attorney Docket No. 4437-19801

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

Date _____	_____
	Xiaofei ZHAO
Date _____	_____
	Hai LIAN
Date _____	_____
	Shujun DANG
Date _____	_____
	Guoqiong CAO
Date _____	_____
	Shenyun ZHANG
Date <u>June 8th, 2016</u>	<u>Haihong LIN</u>
	Haihong LIN
Date _____	_____
	Xiaoyun JING

In re Appln. of ZHAO et al.
Attorney Docket No. 4437-19801

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

Date _____	_____
	Xiaofei ZHAO
Date _____	_____
	Hai LIAN
Date _____	_____
	Shujun DANG
Date _____	_____
	Guoqiong CAO
Date _____	_____
	Shenyun ZHANG
Date _____	_____
	Haihong LIN
Date <u>June 24, 2016</u>	<u>Xiaoyun JING</u>
	Xiaoyun JING