

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4757281

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT						
NATURE OF CONVEYANCE:	Corrective Assignment to correct the U.S. APPLICATION NUMBER previously recorded on Reel 044487 Frame 0927. Assignor(s) hereby confirms the ORIGINALLY EXECUTED ASSIGNMENT.						
CONVEYING PARTY DATA							
	<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>KAI ZHANG</td> <td>11/24/2017</td> </tr> <tr> <td>LAN ZOU</td> <td>11/24/2017</td> </tr> </tbody> </table>	Name	Execution Date	KAI ZHANG	11/24/2017	LAN ZOU	11/24/2017
Name	Execution Date						
KAI ZHANG	11/24/2017						
LAN ZOU	11/24/2017						
RECEIVING PARTY DATA							
Name:	HUAWEI TECHNOLOGIES CO., LTD.						
Street Address:	HUAWEI ADMINISTRATION BUILDING, 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>15719763</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	15719763		
Property Type	Number						
Application Number:	15719763						
CORRESPONDENCE DATA							
Fax Number:	(202)434-1501						
<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:	2024341500						
Email:	danderson@s-n-h.com						
Correspondent Name:	STAAS & HALSEY LLP						
Address Line 1:	1201 NEW YORK AVE. NW, STE. #700						
Address Line 4:	WASHINGTON, D.C. 20005						
ATTORNEY DOCKET NUMBER:	2520.1318						
NAME OF SUBMITTER:	GENE M. GARNER, II - REG. # 34,172						
SIGNATURE:	/Gene M. Garner II/						
DATE SIGNED:	01/02/2018						
Total Attachments: 5							
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KAI ZHANG	11/24/2017
LAN ZOU	11/24/2017
RECEIVING PARTY DATA	
Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	HUAWEI ADMINISTRATION BUILDING
Internal Address:	BANTIAN, LONGGANG DISTRICT, SHENZHEN
City:	GUANGDONG
State/Country:	CHINA
Postal Code:	518129
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15631543
CORRESPONDENCE DATA	
Fax Number:	(202)434-1501
Phone:	202-434-1500
Email:	ncastell@s-n-h.com
<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>	
Correspondent Name:	STAAS & HALSEY LLP
Address Line 1:	1201 NEW YORK AVE., NW
Address Line 2:	SUITE 700
Address Line 4:	WASHINGTON, D.C. 20005
ATTORNEY DOCKET NUMBER:	2520.1318
NAME OF SUBMITTER:	GENE M. GARNER, II, REG. NO. 34,172
Signature:	/Gene M. Garner II/
Date:	12/27/2017
Total Attachments: 2	

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RECEIPT INFORMATION

EPAS ID: PAT4751114
Receipt Date: 12/27/2017

PATENT

Attorney Docket No.
Client Reference No. 84487825US07

ASSIGNMENT

WHEREAS, WE,

Kai Zhang	Lan Zou
Huawei Administration Building	Huawei Administration Building
Bantian, Longgang District	Bantian, Longgang District
Shenzhen, 518129, Guangdong	Shenzhen, 518129, Guangdong
P.R.CHINA; and	P.R.CHINA;

have invented and own a certain invention entitled:

METHOD AND APPARATUS FOR ESTABLISHING INTERFACE BETWEEN VNFMS,
AND SYSTEM

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2017-09-29, under U.S. Application No. 15719763 and

WHEREAS, HUAWEI TECHNOLOGIES CO.,LTD., 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 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

In re Appln. of Zhang et al.
Attorney Docket No. _____

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 Nov 24, 2017

Kai ZHANG
Kai Zhang

Date Nov 24, 2017

Lan Zou
Lan Zou