

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZHONGHUA GAO	12/04/2023
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HUAWEI TECHNOLOGIES CO., LTD.
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<b>Internal Address:</b>	BANTIAN, LONGGANG DISTRICT, GUANGDONG
<b>City:</b>	SHENZHEN
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	518129
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17570184
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	5848-00355-US
<b>NAME OF SUBMITTER:</b>	JULIE DASCOLI
<b>SIGNATURE:</b>	/JULIE DASCOLI/
<b>DATE SIGNED:</b>	12/04/2023
<b>Total Attachments: 2</b>	
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source=5848-00355-US_Executed_Asg#page2.tif	

## ASSIGNMENT

WHEREAS, I,

Zhonghua Gao  
Huawei Administration Building,  
Bantian, Longgang District,  
Shenzhen, 518129, Guangdong,  
P.R. China.

have invented and own a certain invention entitled:

COMMUNICATION METHOD, GATEWAY, AND MANAGEMENT METHOD AND  
APPARATUS IN HYBRID CLOUD ENVIRONMENTfor which invention I have executed an application (provisional or non-provisional) for a U.S.  
patent, which was filed on 2022-01-06, under U.S. Application No. 17570184 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, I 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 I 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.

I 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.

I DO HEREBY COVENANT and agree with the Assignee that I will not execute any  
writing or do any act whatsoever conflicting with the terms of this assignment document set  
forth herein, and that I 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

In re Appln. of Gao.  
Attorney Docket No. \_\_\_\_\_

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, I have hereunder set my hand on the dates shown below.

Date 2023-12-04

Zhonghua Gao  
Zhonghua Gao