PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GUOCHENG ZHONG	05/22/2020
LIANG ZHANG	05/21/2020
JIANRUI YANG	05/23/2020
JINMIAO LIU	04/25/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16777516

CORRESPONDENCE DATA

Fax Number: (703)518-5499

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.

Phone: 7036841111
Email: cpg@ipfirm.com

Correspondent Name: HAUPTMAN HAM, LLP (HUAWEI)

Address Line 1: 2318 MILL ROAD SUITE 1400

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	C6428-028
NAME OF SUBMITTER:	JOSHUA L. PRITCHETT
SIGNATURE:	/Joshua L. Pritchett/
DATE SIGNED:	05/29/2020

Total Attachments: 8

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PATENT REEL: 052789 FRAME: 0060

506082309



PATENT REEL: 052789 FRAME: 0061

Attorney Docket No. Client Reference No. 85449466US04

ASSIGNMENT

WHEREAS, WE,

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

Jianrui Yang Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA; and Liang Zhang Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong

P.R.CHINA; and

Jinmiao Liu Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R.CHINA;

have invented and own a certain invention entitled:

CONTAINER ISOLATION METHOD AND APPARATUS FOR NETLINK RESOURCE

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2020-01-30, under U.S. Application No. 16777516 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

making application for and obtaining origin reissued, reexamined, and National phase pa on the invention, and in enforcing any right applications or patents, and by executing str	ssignment, and render all necessary assistance in nal, continuation, continuation-in-part, divisional, tents of the U.S. or of any and all foreign countries s or chooses in action accruing as a result of such atements and other affidavits, it being understood shall bind, and inure to the benefit of, the assigns of
IN WITNESS WHEREOF, We have hered	under set our hands on the dates shown below.
DateMay 22, 2020	Guocherg Zhong Guocheng Zhong
Date	
	Liang Zhang
Date	Jianrui Yang

Jinmiao Liu

In re Appln. of Zhong et al. Attorney Docket No.

Date

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PATENT REEL: 052789 FRAME: 0064

In re Appln.	of Zhong	et al.
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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	
	Guocheng Zhong
Date Mory 21, 2020	Liang Zhang
7	Liang Zhang
Date	
	Jianrui Yang
Date	
	Jinmiao Liu

Attorney Docket No. Client Reference No. 85449466US04

ASSIGNMENT

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P.R.CHINA; and

Liang Zhang

Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong

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In re Appln. of Zhong et al. Attorney Docket No
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Date		
	Guocheng Zhong	
Date		
	Liang Zhang	
,		
Date <u>May 23, 2020</u>	Jianrui Yang Jianrui Yang	
0	Jianrui Yang 🕖	
Date		
- 44 V V	Jinmiao Liu	

Attorney Docket No. Client Reference No. 85449466US04

ASSIGNMENT

WHEREAS, WE,

Guocheng Zhong Liang Zhang

Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
B.B. GHNIA and Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
B.B. GHNIA and B.B. G

P.R.CHINA; and P.R.CHINA; and

Jianrui Yang Jinmiao Liu

Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong

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PATENT REEL: 052789 FRAME: 0068

In re	Appln.	of Zhong	et al.
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Date		
	Guocheng Zhong	
Date		
	Liang Zhang	
Date		
	Jianrui Yang	
Date Apr 25 , 2020	Jenmiao Liu	
	Jinmiao Liu	