## 506719354 06/16/2021

# PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

| Name      | Execution Date |
|-----------|----------------|
| BINGYU QU | 06/23/2009     |
| YUJUAN HE | 06/23/2009     |
| XUAN FENG | 06/23/2009     |

#### **RECEIVING PARTY DATA**

| Name:             | Huawei Technologies Co., Ltd.  |  |
|-------------------|--------------------------------|--|
| Street Address:   | Huawei Administration Building |  |
| Internal Address: | Bantian, Longgang District     |  |
| City:             | Shenzhen, Guangdong            |  |
| State/Country:    | CHINA                          |  |
| Postal Code:      | 518129                         |  |

#### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 17349664 |

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: HW754844

NAME OF SUBMITTER: MARALEA ACHACOSO

SIGNATURE: /Maralea Achacoso/
DATE SIGNED: 06/16/2021

**Total Attachments: 2** 

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PATENT 506719354 REEL: 056611 FRAME: 0777

#### ASSIGNMENT

#### WHEREAS, WE.

Bingyu QU
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA; and
Xuan FENG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

Yujuan HE Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA;

have invented and own a certain invention entitled:

Method and Apparatus for Allocating and Processing Sequences in Communication System

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on June 10, 2019, under U.S. Application No.16/436,413 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.

PATENT REEL: 056611 FRAME: 0778 In re Apple, of Quet al. Attemey Docket No. <u>HW7439</u>95

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 MEREBY 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 23rd June 2009   | Bing44 Qn  |
|---|--|
| Date 231d Juna 2009   | Bingyu QU<br>Sha Ma  |
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| Date Nick Jane 100  | Witness Jon Jon't Witness Jon Jon't  |
| <b>)</b>  | V  |
| application .   |  |
| Date 23rd June 2407   | Yujuan HE<br>Yujuan HE   |
| Date 277d June 2009   | Sha Ma   |
| Date  | Witness Sharper Day  |
|   | · Madees   |
| Date 2316 Juns 2009   | Xuan FENG  |
| Date 267d June 2009   | ska ma   |
| Date VN June 2009   | Witness  Law Dod   |
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REEL: 056611 FRAME: 0779