#### 506817727 08/13/2021

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
JIE XIONG	04/25/2021
JINHUI ZHANG	12/04/2020
CHAO LIU	04/25/2021

# **RECEIVING PARTY DATA**

Name:	HUAWEI TECHNOLOGIES CO., LTD.	
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Internal Address:	Bantian, Longgang District	
City:	Shenzhen	
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Postal Code:	518129	

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

Property Type	Number
Application Number:	17402110

# **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	4805-10000 (86107311US06)	
NAME OF SUBMITTER:	JOSEPH J. FUNSTON, III	
SIGNATURE:	/Joseph J. Funston, III/	
DATE SIGNED:	08/13/2021	

# **Total Attachments: 3**

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**PATENT REEL: 057174 FRAME: 0992** 506817727

Attorney Docket No. 4805-10000 Client Reference No. 86107311US06

#### ASSIGNMENT

### WHEREAS, WE,

Jie Xiong Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China: and

Chao Liu Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China. Jinhui Zhang Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China; and

have invented and own a certain invention entitled:

AUDIO STREAM AND VIDEO STREAM SYNCHRONOUS SWITCHING METHOD AND APPARATUS

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on <u>08/13/2021</u> under U.S. Application No. 17/402,110 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

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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 Apr 73, 2021	Jie Xiong
	Jie Along
Date	Jinhui Zhang
Date Apr 15, 224	Chao Liu
	Chao Liu

In re Appln. of Xiong et al. Attorney Docket No. 4805-10000

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	
	Jie Xiong
Date Dec. 4, 2020	Jinhui Zhang Jinhui Zhang
	Jinhui Zhang
Date	
	Chao Liu