

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT8258006

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHENKANG LI	11/28/2022
MENG CHEN	11/28/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HANGZHOU OCEAN ENGINE NETWORK TECHNOLOGY CO., LTD.
<b>Street Address:</b>	ROOM 501, BLOCK 1, 1818-1 WENYI WEST RD
<b>Internal Address:</b>	YUHANG AVENUE, YUHANG DISTRICT
<b>City:</b>	HANGZHOU, ZHEJIANG PROVINCE
<b>State/Country:</b>	CHINA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	18148388
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(503)595-7301
<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>	
<b>Phone:</b>	503-595-7300
<b>Email:</b>	vnguyen@allemanhall.com
<b>Correspondent Name:</b>	ALLEMAN HALL CREASMAN & TUTTLE LLP
<b>Address Line 1:</b>	900 SW 5TH AVENUE
<b>Address Line 2:</b>	SUITE 2300
<b>Address Line 4:</b>	PORTLAND, OREGON 97204
<b>ATTORNEY DOCKET NUMBER:</b>	BYTT22337PCTCON
<b>NAME OF SUBMITTER:</b>	VY-AN NGUYEN
<b>SIGNATURE:</b>	/Vy-An Nguyen/
<b>DATE SIGNED:</b>	11/03/2023
<b>Total Attachments: 13</b>	
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Application No.:  
Docket No.: BYT22337PCTCON

P2008692501US-BPCA-US202107344P

## COMBINED DECLARATION AND ASSIGNMENT

### ASSIGNMENT

Assignor(s):

- 1) Wenjing LIU
- 2) Cheng CHI
- 3) Guizhang CHEN

Address:

Jinritoutiao Post Office  
China Satellite Communications Tower  
No.63, Zhichun Road, Haidian District  
Beijing, 100190  
P. R. China

WHEREAS, ASSIGNOR(S) (listed above), are inventor(s) of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **BYT22337PCTCON** ("the invention"), entitled **LIVE STREAMING INTERFACE INTERACTION METHOD AND APPARATUS, ELECTRONIC DEVICE, AND COMPUTER-READABLE MEDIUM** ("the subject application"), which is a continuation application of PCT International Application number PCT/CN2021/119568, filed on September 22, 2021, which claims priority to Chinese patent application number 202011086781.2, filed on October 12, 2020, ("the priority application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, Beijing Zitiao Network Technology Co., Ltd., ASSIGNEE, having a place of business at 0207, 2/F, Building 4, Zijin Digital Park, Haidian District, Beijing, P. R. China, 100190, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

Assignor(s):

- 4) Kun CHANG

Address:

Jinritoutiao Post Office  
China Satellite Communications Tower

Application No.:  
Docket No.: BYT22337PCTCON

P2008692501US-BPCA-US202107344P

### COMBINED DECLARATION AND ASSIGNMENT

No.63, Zhichun Road, Haidian District  
Beijing, 100190  
P. R. China

WHEREAS, ASSIGNOR(S) (listed above), are inventor(s) of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **BYT22337PCTCON** ("the invention"), entitled **LIVE STREAMING INTERFACE INTERACTION METHOD AND APPARATUS, ELECTRONIC DEVICE, AND COMPUTER-READABLE MEDIUM** ("the subject application"), which is a continuation application of PCT International Application number PCT/CN2021/119568, filed on September 22, 2021, which claims priority to Chinese patent application number 202011086781.2, filed on October 12, 2020, ("the priority application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, Douyin Vision Co., Ltd., ASSIGNEE, having a place of business at Room B-0035, 2/F, No.3 Building, No.30, Shixing Road, Shijingshan District, Beijing, P. R. China, 100041, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

Assignor(s):

- 5) Yu LI
- 6) Zhenwei LAI

Address:

Jinritoutiao Post Office  
China Satellite Communications Tower  
No.63, Zhichun Road, Haidian District  
Beijing, 100190  
P. R. China

WHEREAS, ASSIGNOR(S) (listed above), are inventor(s) of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **BYT22337PCTCON** ("the invention"), entitled **LIVE STREAMING INTERFACE INTERACTION METHOD AND APPARATUS, ELECTRONIC DEVICE, AND COMPUTER-READABLE MEDIUM** ("the subject application"), which is a continuation application of PCT International Application number PCT/CN2021/119568, filed on September

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22, 2021, which claims priority to Chinese patent application number 202011086781.2, filed on October 12, 2020, ("the priority application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, Guangdong Jinritoutiao Technology Co., Ltd., ASSIGNEE, having a place of business at 4/F, No.1226 Xingang East Road, Haizhu District, Guangzhou, Guangdong Province, P. R. China, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

Assignor(s):

- 7) Chenkang LI
- 8) Meng CHEN

Address:

Jinritoutiao Post Office  
China Satellite Communications Tower  
No.63, Zhichun Road, Haidian District  
Beijing, 100190  
P. R. China

WHEREAS, ASSIGNOR(S) (listed above), are inventor(s) of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **BYT22337PCTCON** ("the invention"), entitled **LIVE STREAMING INTERFACE INTERACTION METHOD AND APPARATUS, ELECTRONIC DEVICE, AND COMPUTER-READABLE MEDIUM** ("the subject application"), which is a continuation application of PCT International Application number PCT/CN2021/119568, filed on September 22, 2021, which claims priority to Chinese patent application number 202011086781.2, filed on October 12, 2020, ("the priority application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, Hangzhou Ocean Engine Network Technology Co., Ltd., ASSIGNEE, having a place of business at Room 501, Block 1, 1818-1 Wenyi West Rd,

COMBINED DECLARATION AND ASSIGNMENT

**Yuhang Avenue, Yuhang District, Hangzhou, Zhejiang province, P. R. China**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

**Assignor(s):**

9) Yingke WANG

**Address:**

Jinritoutiao Post Office  
China Satellite Communications Tower  
No.63, Zhichun Road, Haidian District  
Beijing, 100190  
P. R. China

WHEREAS, ASSIGNOR(S) (listed above), are inventor(s) of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **BYT22337PCTCON** ("the invention"), entitled **LIVE STREAMING INTERFACE INTERACTION METHOD AND APPARATUS, ELECTRONIC DEVICE, AND COMPUTER-READABLE MEDIUM** ("the subject application"), which is a continuation application of PCT International Application number **PCT/CN2021/119568**, filed on **September 22, 2021**, which claims priority to Chinese patent application number **202011086781.2**, filed on **October 12, 2020**, ("the priority application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, **Shanghai Suixuntong Electronic Technology Co., Ltd.**, ASSIGNEE, having a place of business at **No. 465, Guohe Road, Yangpu District, Shanghai (centralized registration place), 200433, P. R. China**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S), hereby sell, assign, transfer, and set over, unto the respective ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates,

### COMBINED DECLARATION AND ASSIGNMENT

and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND ASSIGNOR(S) HEREBY covenant and agree that ASSIGNOR(S) have full right to convey the entire interest herein assigned, and that ASSIGNOR(S) have not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNOR(S) HEREBY further covenant and agree that ASSIGNOR(S) will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to ASSIGNOR(S) respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

COMBINED DECLARATION AND ASSIGNMENT

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

<b>Title of Invention</b>	<b>LIVE STREAMING INTERFACE INTERACTION METHOD AND APPARATUS, ELECTRONIC DEVICE, AND COMPUTER-READABLE MEDIUM</b>
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As the below named inventor(s), I/we declare that:

This combined declaration and assignment is directed to:

- ☐ the attached application, or
- ☒ United States application or PCT international application number 18/148,388,  
filed on December 29, 2022.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

**Notice to Inventor(s):** A person may not execute this declaration unless that person has reviewed and understands the contents of the above-identified application, including the claims.

**Notice to Inventor(s):** A person may not execute this declaration unless that person is aware of the duty to disclose to the US Patent and Trademark Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.



Application No.:  
Docket No.: BYT22337PCTCON

P2008692501US-BPCA-US202107344P

COMBINED DECLARATION AND ASSIGNMENT

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**Wenjing LIU**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
*Cheng CHI*  
**Cheng CHI**

\_\_\_\_\_  
*2022.11.28*  
**Date**

\_\_\_\_\_  
**Kun CHANG**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Guizhang CHEN**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Yu LI**

\_\_\_\_\_  
**Date**

Application No.:  
Docket No.: BYT22337PCTCON

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COMBINED DECLARATION AND ASSIGNMENT

\_\_\_\_\_  
Wenjing LIU

\_\_\_\_\_  
Date

\_\_\_\_\_  
Cheng CHI

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Kun CHANG

2022.10.11  
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Date

\_\_\_\_\_  
Guizhang CHEN

\_\_\_\_\_  
Date

\_\_\_\_\_  
Yu LI

\_\_\_\_\_  
Date

Application No.:  
Docket No.: BYT22337/PCTCON

P2008692501US-BPCA-US202107344P

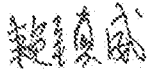
COMBINED DECLARATION AND ASSIGNMENT

Chenkang LI

Date

Meng CHEN

Date



Zhenwei LAI

2022.11.28

Date

Yingke WANG

Date

\*\*\*\*\*

The foregoing Combined Declaration and Assignment covers patent application number  
18/148,388, filed on December 29, 2022.

Name of Attorney:

Registration No.:

Date of Insertion:

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Application No.:  
Docket No.: BYT22337PCTCON

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COMBINED DECLARATION AND ASSIGNMENT

Chenkang LI

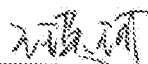
Date

Meng CHEN

Date

Zhenwei LAI

Date

  
Yingke WANG

2022-10-11  
Date

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Name of Attorney:

Registration No.:

Date of Insertion:

Page 8 of 8

Application No.:  
Docket No.:

COMBINED DECLARATION AND ASSIGNMENT

Yu Li  
Printed Name in English

李莉  
Inventor's Signature

2022.10.11  
Date

\*\*\*\*\*

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18/148,388, filed on December 29, 2022.

\_\_\_\_\_  
Name of Attorney:  
Registration No.:  
Date of Insertion:

Application No.:  
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COMBINED DECLARATION AND ASSIGNMENT

Chenkang LI

Date

陈猛

Meng CHEN

2022.11.28

Date

Zhenwei LAI

Date

Yingke WANG

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Page 8 of 8

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COMBINED DECLARATION AND ASSIGNMENT



Chenkang LI

2022-11-28

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