508019705 07/19/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8066856

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONGYANG ZHAO	08/02/2022
ZIXUAN MA	08/02/2022

RECEIVING PARTY DATA

Name:	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
Street Address:	0207, 2/F, BUILDING 4, ZIJIN DIGITAL PARK, HAIDIAN DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100190

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17886848

CORRESPONDENCE DATA

Fax Number:

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.

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Correspondent Name: BAKERHOSTETLER
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Address Line 4: PHILADELPHIA, PENNSYLVANIA 19104

ATTORNEY DOCKET NUMBER:	112704.000474
NAME OF SUBMITTER:	JEAN WANG
SIGNATURE:	/Jean Wang/
DATE SIGNED:	07/19/2023

Total Attachments: 6

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PATENT 508019705 REEL: 064317 FRAME: 0509

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PATENT REEL: 064317 FRAME: 0510 Application No.: 17/886,848 Docket No.: 112704,000474

P2003561101US-BPCA-US202101026P

COMBINED DECLARATION AND ASSIGNMENT

ASSIGNMENT

Assignor(s):

- Dongyang ZHAO
- 2) Zixuan MA

Address:

Jinritoutiae 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 112704.000474 ("the invention"), entitled VIDEO STREAM PLAYBACK CONTROL METHOD, DEVICE, AND STORAGE MEDIUM ("the subject application"), which is a continuation application of PCT International Application number PCT/CN2021/076703, filed on February 18, 2021, which claims priority to Chinese patent application number 202010203442.1, filed on March 20, 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 100190, P. R. China, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

Assignor(s):

3) Xin LIU

Address:

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

Page 1 of 5

Application No.: 17/886,848 Docket No.: 112704.000474

P2003561101US-BPCA-US202101026P

COMBINED DECLARATION AND ASSIGNMENT

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 112704.000474 ("the invention"), entitled VIDEO STREAM PLAYBACK CONTROL METHOD, DEVICE, AND STORAGE MEDIUM ("the subject application"), which is a continuation application of PCT International Application number PCT/CN2021/076703, filed on February 18, 2021, which claims priority to Chinese patent application number 202010203442.1, filed on March 20, 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 Douyin Information Service Co., Ltd., ASSIGNEE, having a place of business at Room 10A, No.2 Building, No.48, Zhichun Road, Haidian District, Beijing 100080, 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 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, 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.

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Application No.: 17/886,848

Docket No.: 112704.000474

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COMBINED DECLARATION AND ASSIGNMENT

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.

Application No.: 17/886,848 Docket No.: 112704,000474

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COMBINED DECLARATION AND ASSIGNMENT

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

Title of Invention	VIDEO STREAM PLAYBACK CONTROL METHOD, DEVICE, AND STORAGE MEDIUM
As the below named	inventor(s), I/we declare that:
This combined decla	ration and assignment is directed to:
the attach	ed application, or
United St	ates application or PCT international application number, filed

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.: 17/886,848
Thortan Mari	DESCRIPTION OF THE PROPERTY OF

COMBINED DECLARATION AND ASSIGNMENT

赵龙海						
Dongyang ZHAO						
7022.8.2	·					
Date						
						
Zixuan MA						
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17/886,848, filed on A				1	1. 5	

/Aiqing Wang/

Name of Attorney: Aiqing Wang

Registration No.: Date of Insertion:

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COMBINED DECLARATION AND ASSIGNMENT

Zixuan MA Printed Name in English

ZiXuan MA Inventor's Signature

2071.8.2 Date

The foregoing Combined Declaration and Assignment covers patent application number 17/886,848 August 12, 2022

/Aiqing Wang/

Name of Attorney: Aiqing Wang

Registration No.: Date of Insertion:

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RECORDED: 07/19/2023

PATENT REEL: 064317 FRAME: 0516