

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7633953

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUNDA ZHAO	11/05/2021
RECEIVING PARTY DATA	
Name:	HANGZHOU OCEAN ENGINE NETWORK TECHNOLOGY CO., LTD.
Street Address:	ROOM 501, BLOCK 1, 1818-1 WENYI WEST ROAD, YUHANG AVENUE, YUHANG DISTRICT
City:	HANGZHOU
State/Country:	CHINA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17462938
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	patents@bakerlaw.com
Correspondent Name:	BAKERHOSTETLER
Address Line 1:	2929 ARCH STREET
Address Line 2:	CIRA CENTRE, 12TH FLOOR
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19104
ATTORNEY DOCKET NUMBER:	119176.000035
NAME OF SUBMITTER:	JEAN WANG
SIGNATURE:	/Jean Wang/
DATE SIGNED:	11/08/2022
Total Attachments: 9	
source=119176000035_1_CombinedDeclarationAssignment#page1.tif	
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PATENT

REEL: 061693 FRAME: 0098

Application No.: 17/462,938
Docket No.: 119176.000035

COMBINED DECLARATION AND ASSIGNMENT

ASSIGNMENT

Assignor(s):

- 1) Jianjun Chen
- 2) Yonghua Ding
- 3) Ye Liu
- 4) Fangshi Li
- 5) Li Zhang
- 6) Mingyi Zhang

Address:

12655 West Jefferson Boulevard,
Sixth Floor, Suite No. 137
Los Angeles, CA 90066
United States of America

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 **119176.000035** ("the invention"), entitled **DATA CONSISTENCY MECHANISM FOR HYBRID DATA PROCESSING** ("the subject 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, **Bytedance Inc.**, ASSIGNEE, having a place of business at **12655 West Jefferson Boulevard, Sixth Floor, Suite No. 137, Los Angeles, CA 90066, United States of America**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention.

Assignor(s):

- 1) Lixun Cao
- 2) Lei Zhang

Address:

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

Application No.: 17/462,938
Docket No.: 119176.000035

COMBINED DECLARATION AND ASSIGNMENT

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 **119176.000035** ("the invention"), entitled **DATA CONSISTENCY MECHANISM FOR HYBRID DATA PROCESSING** ("the subject 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, **Sichuan Jinritoutiao Technology Co., Ltd.**, ASSIGNEE, having a place of business at **No.2602, 26/F, China Resources Building, No.10 Shuangqing Road, Chenghua District, Chengdu, P. R. China**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention.

Assignor(s):

- 1) Yang Liu
- 2) Xiangrui Meng
- 3) Rui Shi

Address:

Jinritoutiao Post office,
China Satellite Communications Tower,
No.63, Zhichun Road, Haidian District,
Beijing, 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 **119176.000035** ("the invention"), entitled **DATA CONSISTENCY MECHANISM FOR HYBRID DATA PROCESSING** ("the subject 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 Bytedance Network Technology 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**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention.

Assignor(s):

- 1) Junda Zhao

Application No.: 17/462,938
Docket No.: 119176.000035

COMBINED DECLARATION AND ASSIGNMENT

Address:

Jinritoutiao Post office,
China Satellite Communications Tower,
No.63, Zhichun Road, Haidian District,
Beijing, 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 119176.000035 ("the invention"), entitled **DATA CONSISTENCY MECHANISM FOR HYBRID DATA PROCESSING** ("the subject 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, 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.

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.

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.

Application No.: 17/462,938
Docket No.: 119176.000035

COMBINED DECLARATION AND ASSIGNMENT

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.: 17/462,938
Docket No.: 119176.000035

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	DATA CONSISTENCY MECHANISM FOR HYBRID DATA PROCESSING
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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 17/462,938,
filed August 31, 2021.

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.: 17/462,938
Docket No.: 119176.000035

COMBINED DECLARATION AND ASSIGNMENT

Jianjun Chen

Date

Yonghua Ding

Date

Ye Liu

Date

Fangshi Li

Date

Lixun Cao

Date

Application No.: 17/462,938
Docket No.: 119176.000035

刘洋
Yang Liu

COMBINED DECLARATION AND ASSIGNMENT

2021.11.5
Date

Li Zhang

Date

Mingyi Zhang

Date

Xiangrui Meng

Date

赵俊达
Junda Zhao

2021.11.5
Date

Application No.: 17/462,938
Docket No.: 119176.000035

COMBINED DECLARATION AND ASSIGNMENT

Yang Liu

Date

Li Zhang

Date

Mingyi Zhang

Date



Xiangrui Meng

2021.11.5

Date

Junda Zhao


Date

Application No.: 17/462,938
Docket No.: 119176.000035

COMBINED DECLARATION AND ASSIGNMENT

.....
Lei Zhang

.....
Date


.....
Rui Shi

.....
2021.11.5
Date

The foregoing Combined Declaration and Assignment covers patent application number
17/462,938, filed on August 31, 2021.

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/Aiqing Wang/
Name of Attorney: Aiqing Wang
Registration No.: 80038
Date of Insertion: