### 507600675 11/16/2022

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7647566

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BEIJING YOUZHUJU NETWORK TECHNOLOGY CO. LTD.	11/08/2022
SHANGHAI INFINITE MEMORY SCIENCE AND TECHNOLOGY CO., LTD.	11/08/2022
SHANGHAI SUIXUNTONG ELECTRONIC TECHNOLOGY CO., LTD.	11/08/2022
BEIJING JIYUN INTERACTION TECHNOLOGY CO., LTD.	11/08/2022

### **RECEIVING PARTY DATA**

Name:	BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.
Street Address:	ROOM B-0035, 2/F, NO. 3 BUILDING NO. 30
Internal Address:	SHIXING ROAD
City:	SHIJINGSHAN DISTRICT BEIJING
State/Country:	CHINA
Postal Code:	10041

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

Property Type	Number
Application Number:	17872966

#### **CORRESPONDENCE DATA**

**Fax Number:** (202)857-6395

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.

**Email:** patentdocket@arentfox.com, jeevon.jones@arentfox.com

Correspondent Name: ARENTFOX SCHIFF LLP
Address Line 1: 1717 K STREET, N.W.
Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER: 043533.00011

NAME OF SUBMITTER: JEEVON JONES

SIGNATURE: /Jeevon Jones/
DATE SIGNED: 11/16/2022

### **Total Attachments: 12**

source=043533\_00011\_Executed CompanyAssignment from Beijing Jiyun to Beijing Bytedance#page1.tif source=043533\_00011\_Executed CompanyAssignment from Beijing Jiyun to Beijing Bytedance#page2.tif

source=043533\_00011 Executed Company Assignment from Beijing Jiyun to Beijing Bytedance#page3.tif source=043533\_00011 Executed Company Assignment from Shanghai Infinite to Beijing Bytedance#page2.tif source=043533\_00011 Executed Company Assignment from Shanghai Infinite to Beijing Bytedance#page3.tif source=043533\_00011 Executed Company Assignment from Shanghai Suixuntong to Beijing Bytedance#page1.tif source=043533\_00011 Executed Company Assignment from Shanghai Suixuntong to Beijing Bytedance#page2.tif source=043533\_00011 Executed Company Assignment from Shanghai Suixuntong to Beijing Bytedance#page3.tif source=043533\_00011 Executed Company Assignment from Shanghai Suixuntong to Beijing Bytedance#page3.tif source=043533\_00011 Executed Company Assignment from Beijing Youzhuju to Beijing Bytedance#page1.tif source=043533\_00011 Executed Company Assignment from Beijing Youzhuju to Beijing Bytedance#page2.tif source=043533\_00011 Executed Company Assignment from Beijing Youzhuju to Beijing Bytedance#page2.tif

## **Company To Company Assignment**

(WORLDWIDE PATENT RIGHTS)

WHEREAS, Beijing Jiyun Interaction Technology Co., Ltd. (hereinafter referred to as "ASSIGNOR"), having a place of business at Room 2-3A, 3/F, Building 2, Jia No. 48, Zhichun Road, Haidian District, Beijing 100086, P. R. China, is the owner of the entire right, title and interest in and to the Patent Applications listed in Attachment 1 (the "Patent Rights") and the invention claimed therein (the "Invention"); and

WHEREAS, BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD. (hereinafter referred to as "ASSIGNEE"), having a place of business at Room B-0035, 2/F, No.3 Building No.30, Shixing Road, Shijingshan District Beijing 100041, China, is desirous of acquiring the full and exclusive right in and to said Invention and all documents and things relating to the conception, reduction to practice and/or practice of the Invention (the "Related Documents") and the entire right, title and interest in and to said Patent Rights, including any Letters Patent which may be granted therefor, in the United States and its territorial possessions and in any and all foreign countries to be obtained therefor on said application or any and all divisions, continuations, continuations-in-part, substitutions, renewals, re-examination, extension and reissues thereof, and any other application claiming priority thereto, including future inventions or improvements;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby agrees to sell, assign, and transfer and does hereby sell, assign, and transfer unto said ASSIGNEE the full and exclusive right in and to said Invention, Patent Rights, and Related Documents in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest, including the right to sue for past infringement, if any, and all rights pursuant to 35 U.S.C. §154, in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, continuations, continuations-in-part, substitutions, renewals, re-examination, extension and reissues thereof, and any other application claiming priority thereto, including future inventions or improvements;

ASSIGNOR hereby authorizes and requests the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR:

Beijing Jiyun Interaction Technology Co., Ltd.

Date: 11.8/2022

NAME Livan CHEN

[TITLE] Authorized Legal Counsel

ASSIGNEE:

BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.

Date: 11. 8/20 > 2

[NAME] Liyan CHEN

[TITLE] Authorized Legal Counsel

## Attachment 1— Patent Rights

	Client Ref.	Attorney  DocketNo.	Application No./Patent No.	Filing Date	Titl e	Inventor(s)
1.			PCT/CN2021/099109	June 9, 2021	DOCUMENT	Yuzhang DU,
					TRANSLATION	Peihao ZHU,
						Chongxing ZHOU,
					APPARATUS, STORAGE	Yiming CHEN,
					MEDIUM, AND	Mingxuan WANG,
					ELECTRONIC DEVICE	Lei LI
2.	22P210599PUS		US		DOCUMENT	Yuzhang DU,
					TRANSLATION	Peihao ŽHU,
			(fill in after filing)			Chongxing ZHOU,
		i			APPARATUS, STORAGE	Yiming CHEN,
					MEDIUM, AND	Mingxuan WANG,
					ELECTRONIC DEVICE	Lei LI

# **Company To Company Assignment**

(WORLDWIDE PATENT RIGHTS)

WHEREAS, Shanghai Infinite Memory Science and Technology Co., Ltd. (hereinafter referred to as "ASSIGNOR"), having a place of business at Room 1201, 331Caoxibei Road, Xuhui District, Shanghai 200030, P. R. China, is the owner of the entire right, title and interest in and to the Patent Applications listed in Attachment 1 (the "Patent Rights") and the invention claimed therein (the "Invention"); and

WHEREAS, BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD. (hereinafter referred to as "ASSIGNEE"), having a place of business at Room B-0035, 2/F, No.3 Building No.30, Shixing Road, Shijingshan District Beijing 100041, China, is desirous of acquiring the full and exclusive right in and to said Invention and all documents and things relating to the conception, reduction to practice and/or practice of the Invention (the "Related Documents") and the entire right, title and interest in and to said Patent Rights, including any Letters Patent which may be granted therefor, in the United States and its territorial possessions and in any and all foreign countries to be obtained therefor on said application or any and all divisions, continuations, continuations-in-part, substitutions, renewals, re-examination, extension and reissues thereof, and any other application claiming priority thereto, including future inventions or improvements;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby agrees to sell, assign, and transfer and does hereby sell, assign, and transfer unto said ASSIGNEE the full and exclusive right in and to said Invention, Patent Rights, and Related Documents in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest, including the right to sue for past infringement, if any, and all rights pursuant to 35 U.S.C. §154, in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, continuations, continuations-in-part, substitutions, renewals, re-examination, extension and reissues thereof, and any other application claiming priority thereto, including future inventions or improvements;

ASSIGNOR hereby authorizes and requests the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

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ASSIGNOR:

Shanghai Infinite Memory Science and Technology Co., Ltd.

[TITLE] Authorized Legal Counsel

ASSIGNEE:

BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.

[NAME] Liyan CHEN
[TITLE] Authorized Legal Counsel

## Attachment 1—Patent Rights

	Client Ref.	Attorney  DocketNo.	Application No./Patent No.	Filing Date	Titl e	Inventor(s)
1.			PCT/CN2021/099109	June 9, 2021	TRANSLATION METHOD AND APPARATUS, STORAGE MEDIUM, AND	Yuzhang DU, Peihao ZHU, Chongxing ZHOU, Yiming CHEN, Mingxuan WANG, Lei LI
2.	22P210599PUS		US (fill in after filing)		TRANSLATION METHOD AND APPARATUS, STORAGE MEDIUM, AND	Yuzhang DU, Peihao ZHU, Chongxing ZHOU, Yiming CHEN, Mingxuan WANG, Lei LI

# **Company To Company Assignment**

(WORLDWIDE PATENT RIGHTS)

WHEREAS, Shanghai Suixuntong Electronic Technology Co., Ltd. (hereinafter referred to as "ASSIGNOR"), having a place of business at No. 465, Guohe Road, Yangpu District, Shanghai (centralized registration place), 200433, P. R. China, is the owner of the entire right, title and interest in and to the Patent Applications listed in Attachment 1 (the "Patent Rights") and the invention claimed therein (the "Invention"); and

WHEREAS, BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD. (hereinafter referred to as "ASSIGNEE"), having a place of business at Room B-0035, 2/F, No.3 Building No.30, Shixing Road, Shijingshan District Beijing 100041, China, is desirous of acquiring the full and exclusive right in and to said Invention and all documents and things relating to the conception, reduction to practice and/or practice of the Invention (the "Related Documents") and the entire right, title and interest in and to said Patent Rights, including any Letters Patent which may be granted therefor, in the United States and its territorial possessions and in any and all foreign countries to be obtained therefor on said application or any and all divisions, continuations, continuations-in-part, substitutions, renewals, re-examination, extension and reissues thereof, and any other application claiming priority thereto, including future inventions or improvements;

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ASSIGNOR hereby authorizes and requests the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

**ASSIGNOR:** 

Shanghai Suixuntong Electronic Technology Co., Ltd.

Date: 11.8/2022

[NAME] Liyan CHEN

[TITLE] Authorized Legal Counsel

**ASSIGNEE:** 

BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.

Liyon, Oleh.
[NAME] Liyan CHEN

[TITLE] Authorized Legal Counsel

### Attachment 1—Patent Rights

	Client Ref.	Attorney  DocketNo.	Application No./Patent No.	Filing Date	Titl e	Inventor(s)
1.			PCT/CN2021/099109	June 9, 2021	TRANSLATION METHOD AND APPARATUS, STORAGE MEDIUM, AND	Yuzhang DU, Peihao ZHU, Chongxing ZHOU, Yiming CHEN, Mingxuan WANG, Lei LI
2.	22P210599PUS		(fill in after filing)		TRANSLATION METHOD AND APPARATUS, STORAGE MEDIUM, AND	Yuzhang DU, Peihao ZHU, Chongxing ZHOU, Yiming CHEN, Mingxuan WANG, Lei LI

## **Company To Company Assignment**

(WORLDWIDE PATENT RIGHTS)

WHEREAS, **Beijing Youzhuju Network Technology Co. Ltd.** (hereinafter referred to as "ASSIGNOR"), having a place of business at Room 802, Information Building, 13 Linyin North Road, Pinggu District, Beijing, 101299, P. R. China, is the owner of the entire right, title and interest in and to the Patent Applications listed in Attachment 1 (the "Patent Rights") and the invention claimed therein (the "Invention"); and

WHEREAS, BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD. (hereinafter referred to as "ASSIGNEE"), having a place of business at Room B-0035, 2/F, No.3 Building No.30, Shixing Road, Shijingshan District Beijing 100041, China, is desirous of acquiring the full and exclusive right in and to said Invention and all documents and things relating to the conception, reduction to practice and/or practice of the Invention (the "Related Documents") and the entire right, title and interest in and to said Patent Rights, including any Letters Patent which may be granted therefor, in the United States and its territorial possessions and in any and all foreign countries to be obtained therefor on said application or any and all divisions, continuations, continuations-in-part, substitutions, renewals, re-examination, extension and reissues thereof, and any other application claiming priority thereto, including future inventions or improvements;

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ASSIGNOR:

Beijing Youzhuju Network Technology Co. Ltd.

Date: 11.8/2002

Date: 11.8/2002

[NAME] Liyan CHEN

[TITLE] Authorized Legal Counsel

ASSIGNEE:

BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD.

NAMEI L. (van (

[TITLE] Authorized Legal Counsel

### Attachment 1—Patent Rights

	Client Ref.	Attorney  DocketNo.	Application No./Patent No.	Filing Date	Titl e	Inventor(s)
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					TRANSLATION	Peihao ZHU,
						Chongxing ZHOU,
					APPARATUS, STORAGE	Yiming CHEN,
					MEDIUM, AND	Mingxuan WANG,
	<u></u>				ELECTRONIC DEVICE	Lei LI
2.	22P210599PUS		US		DOCUMENT	Yuzhang DU,
					TRANSLATION	Peihao ZHU,
			(fill in after filing)		METHOD AND	Chongxing ZHOU,
					APPARATUS, STORAGE	Yiming CHEN,
					MEDIUM, AND	Mingxuan WANG,
					ELECTRONIC DEVICE	Lei LI
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