

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6146299

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JING LIU	06/01/2020
ZHENJIE ZHONG	06/01/2020
XINJIE WANG	06/01/2020
WEI QUAN	06/01/2020
HAO DONG	06/01/2020
RECEIVING PARTY DATA	
Name:	GUANGZHOU HUYA INFORMATION TECHNOLOGY CO., LTD.
Street Address:	UNIT 10, 28/F TOWER B-1, NORTH BLOCK OF WANDA PLAZA; WANBO BUSINESS ZONE,
Internal Address:	#79 WANBO 2ND RD., NANCUN TOWN, PANYU DISTRICT
City:	GUANGZHOU, GUANGDONG
State/Country:	CHINA
Postal Code:	511442
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16770843
CORRESPONDENCE DATA	
Fax Number:	(908)654-7866
<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>	
Phone:	(908) 654-5000
Email:	assignment@lerner david.com
Correspondent Name:	LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP
Address Line 1:	20 COMMERCE DR.
Address Line 4:	CRANFORD, NEW JERSEY 07016
ATTORNEY DOCKET NUMBER:	9LIFAN 3.3F-046
NAME OF SUBMITTER:	CINDY CORB
SIGNATURE:	/Cindy Corb/
DATE SIGNED:	06/10/2020

Total Attachments: 5

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ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

9LIFAN 3.3F-046

Whereas, I, Jing Liu of

Unit 10, 28/F Tower B-1, North Block of Wanda Plaza; Wanbo Business Zone, #79 Wanbo 2nd Road, Nancun Town, Panyu District, Guangzhou, Guangdong; 511442; CHINA

hereafter referred to as assignor, have with others invented certain new and useful improvements in Display Method for Live Broadcast Image of Live Broadcast Room, Storage Device and Computer Device

for which an application for a United States Letters Patent was filed on June 8, 2020
Application Number 16/770,843

for which an application for a United States Letters Patent was executed by me on _____

for which an International Application was filed on August 8, 2018, as
PCT/CN2018/099459, designating the United States.

And

Whereas, Guangzhou Huya Information Technology Co., Ltd.

a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is

Unit 10, 28/F Tower B-1, North Block of Wanda Plaza; Wanbo Business Zone, #79 Wanbo 2nd Road, Nancun Town, Panyu District, Guangzhou, Guangdong; 511442; CHINA

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

2020-6-1
Date

Jing Liu
Jing Liu

Hua Huang
Witness

Hua Huang
Typed Name of Witness

*Total of 5 forms are submitted.

LD-515A

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) 9LIFAN 3.3F-045
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Whereas, I, Zhenjie Zhong of
 Unit 10, 28/F Tower B-1, North Block of Wanda Plaza; Wanbo Business Zone, #79 Wanbo 2nd
 Road, Nancun Town, Panyu District, Guangzhou, Guangdong; 511442; CHINA

hereafter referred to as assignor, have with others invented certain new and useful improvements in
 Display Method for Live Broadcast Image of Live Broadcast Room, Storage Device and
 Computer Device

- for which an application for a United States Letters Patent was filed on June 8, 2020
 Application Number 16/770,843
- for which an application for a United States Letters Patent was executed by me on _____
- for which an International Application was filed on August 8, 2018, as
PCT/CN2018/099459, designating the United States.

And

Whereas, Guangzhou Huya Information Technology Co., Ltd.
 a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is
 Unit 10, 28/F Tower B-1, North Block of Wanda Plaza; Wanbo Business Zone, #79 Wanbo 2nd
 Road, Nancun Town, Panyu District, Guangzhou, Guangdong; 511442; CHINA

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NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof
 is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said
 assignee my entire right, title and interest for the United States of America and all other countries in and to said invention
 and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and
 patents applied for or granted therefor in the United States of America and all other countries, for said invention, including
 without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility
 application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the
 right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives,
 and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby
 authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as
 assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do
 hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation,
 reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or
 its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said
 improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said
 applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally
 everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said
 improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application
 when known.

2020-6-1

Date

Zhenjie Zhong

Zhenjie Zhong

Hua Huang
 Witness

Hua Huang
 Typed Name of Witness

*Total of 5 forms are submitted.

LD-515V

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) 9LIFAN 3.3F-046
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Whereas, I, Xinjie Wang of

Unit 10, 28/F Tower B-1, North Block of Wanda Plaza; Wanbo Business Zone, #79 Wanbo 2nd Road, Nancun Town, Panyu District, Guangzhou, Guangdong; 511442; CHINA

hereafter referred to as assignor, have with others invented certain new and useful improvements in Display Method for Live Broadcast Image of Live Broadcast Room, Storage Device and Computer Device

for which an application for a United States Letters Patent was filed on June 8, 2020

Application Number 16/770,843

for which an application for a United States Letters Patent was executed by me on _____

for which an International Application was filed on August 8, 2018, as

PCT/CN2018/099459, designating the United States.

And

Whereas, Guangzhou Huya Information Technology Co., Ltd.

a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is

Unit 10, 28/F Tower B-1, North Block of Wanda Plaza; Wanbo Business Zone, #79 Wanbo 2nd Road, Nancun Town, Panyu District, Guangzhou, Guangdong; 511442; CHINA

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

2020-6-1
Date

Xinjie Wang
Xinjie Wang

Hua Huang
Witness

Hua Huang
Typed Name of Witness

<input checked="" type="checkbox"/> *Total of <u>5</u> forms are submitted.

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) 9LIFAN 3.3F-046
Whereas, I, <u>Wei Quan</u> of	
Unit 10, 28/F Tower B-1, North Block of Wanda Plaza; Wanbo Business Zone, #79 Wanbo 2nd Road, Nancun Town, Panyu District, Guangzhou, Guangdong; 511442; CHINA	
hereafter referred to as assignor, have with others invented certain new and useful improvements in Display Method for Live Broadcast Image of Live Broadcast Room, Storage Device and Computer Device	
<input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>June 8, 2020</u> Application Number <u>16/770,843</u>	
<input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____	
<input checked="" type="checkbox"/> for which an International Application was filed on <u>August 8, 2018</u> , as <u>PCT/CN2018/099459</u> , designating the United States.	
And	
Whereas, <u>Guangzhou Huya Information Technology Co., Ltd.</u> a corporation of (People's Republic of China herein referred to as "assignee" whose mailing address is	
<u>Unit 10, 28/F Tower B-1, North Block of Wanda Plaza; Wanbo Business Zone, #79 Wanbo 2nd Road, Nancun Town, Panyu District, Guangzhou, Guangdong; 511442; CHINA</u>	
is desirous of acquiring the entire right, title and interest in the same;	
NOW, THEREFORE, in consideration of the sum of <u>one</u> dollar (\$ <u>1.00</u>), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.	
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.	
<u>2020-6-1</u>	<u>Wei Quan</u>
Date	Wei Quan
<u>Hua Huang</u> Witness	
<u>Hua Huang</u> Typed Name of Witness	
<input checked="" type="checkbox"/> *Total of <u>5</u> forms are submitted.	

LD-3131

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

9LIFAN 3.3F-046

Whereas, I, Hao Dong of

Unit 10, 28/F Tower B-1, North Block of Wanda Plaza; Wanbo Business Zone, #/9 Wanbo 2nd Road, Nancun Town, Panyu District, Guangzhou, Guangdong; 511442, CHINA

hereafter referred to as assignor, have with others invented certain new and useful improvements in Display Method for Live Broadcast Image of Live Broadcast Room, Storage Device and Computer Device

for which an application for a United States Letters Patent was filed on June 8, 2020
Application Number 16/770,843

for which an application for a United States Letters Patent was executed by me on _____

for which an International Application was filed on August 8, 2018, as

PCT/CN2018/099459, designating the United States.

And

Whereas, Guangzhou Huya Information Technology Co., Ltd.

a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is

Unit 10, 28/F Tower B-1, North Block of Wanda Plaza; Wanbo Business Zone, #79 Wanbo 2nd Road, Nancun Town, Panyu District, Guangzhou, Guangdong; 511442, CHINA

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And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

2020-6-1
Date

Hao Dong
Hao Dong

Hua Huang
Witness

Hua Huang
Typed Name of Witness

*Total of 5 forms are submitted.

LD-515

PATENT