

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5220156

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GANGLIN PENG	10/31/2018
XUECHAO CAO	10/31/2018
MAN ZHANG	10/31/2018
FAN LI	10/31/2018
YUEFENG WU	10/31/2018
SIKUN YAO	10/31/2018
WEIHUA ZHANG	10/31/2018
HONGGUANG ZHANG	10/31/2018
LEIFENG KONG	10/31/2018
SHITAO SONG	10/31/2018
JIANGXU WU	10/31/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO, LTD.
<b>Street Address:</b>	WESTERN 1-4TH FLOORS & EASTERN 1-4TH FLOORS OF BUILDING NO.11, FOURTH DISTRICT OF WEST CEDAR CREATIVE PARK
<b>Internal Address:</b>	XINGSHIKOU ROAD NO.65, HAIDIAN DISTRICT
<b>City:</b>	BEIJING
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	100195
<b>Name:</b>	BEIJING JINGDONG CENTURY TRADING CO., LTD.
<b>Street Address:</b>	ROOM 201, 2/F, BLOCK C, NO.18 KECHUANG 11TH STREET
<b>Internal Address:</b>	ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE
<b>City:</b>	BEIJING
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	100176
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16098693
<b>CORRESPONDENCE DATA</b>	
<b>PATENT</b>	

**Fax Number:** (703)413-2220

**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.**

**Phone:** (703) 413-3000

**Email:** sarguijo@oblon.com

**Correspondent Name:** OBLON, ET AL.

**Address Line 1:** 1940 DUKE STREET

**Address Line 4:** ALEXANDRIA, VIRGINIA 22314

<b>ATTORNEY DOCKET NUMBER:</b>	517719US
--------------------------------	----------

<b>NAME OF SUBMITTER:</b>	SARAH ARGUIJO
---------------------------	---------------

<b>SIGNATURE:</b>	/Sarah Arguijo/
-------------------	-----------------

<b>DATE SIGNED:</b>	11/02/2018
---------------------	------------

**Total Attachments: 11**

source=517719US Assignments#page1.tif  
source=517719US Assignments#page2.tif  
source=517719US Assignments#page3.tif  
source=517719US Assignments#page4.tif  
source=517719US Assignments#page5.tif  
source=517719US Assignments#page6.tif  
source=517719US Assignments#page7.tif  
source=517719US Assignments#page8.tif  
source=517719US Assignments#page9.tif  
source=517719US Assignments#page10.tif  
source=517719US Assignments#page11.tif

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

**Title of Invention** VIDEO SHARING IMPLEMENTATION METHOD AND SYSTEM

As the below named inventor, I hereby declare that:

This declaration  The attached application, or

is directed to:  United States application or PCT international application number PCT/CN2017/081392 filed on April 21, 2017

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.

WHEREAS, BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO, LTD. and BEIJING JINGDONG CENTURY TRADING CO., LTD.

(hereinafter referred to as "ASSIGNEES") having places of business at: Western 1-4<sup>th</sup> Floors & Eastern 1-4<sup>th</sup> Floors of Building No. 11, Fourth District of West Cedar Creative Park, Xingshikou Road No. 65, Haidian District, Beijing 100195, China and Room 201, 2/F, Block C, No. 18 Kechuang 11<sup>th</sup> Street, Economic and Technological Development Zone, Beijing, 100176, China, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

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, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest 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, reissues, continuations, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

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.

LEGAL NAME OF INVENTOR

Inventor: Yuefeng WU Date: 2018.10.31

Signature: Yuefeng WU

**OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

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

<b>Title of Invention</b>	VIDEO SHARING IMPLEMENTATION METHOD AND SYSTEM
As the below named inventor, I hereby declare that:	
This declaration <input type="checkbox"/> The attached application, or	
is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2017/081392</u>	
filed on <u>April 21, 2017</u>	
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.	
WHEREAS, <u>BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO, LTD. and BEIJING JINGDONG CENTURY TRADING CO., LTD.</u>	
(hereinafter referred to as "ASSIGNEES") having places of business at: <u>Western 1-4<sup>th</sup> Floors &amp; Eastern 1-4<sup>th</sup> Floors of Building No. 11, Fourth District of West Cedar Creative Park, Xingshikou Road No. 65, Haidian District, Beijing 100195, China and Room 201, 2/F, Block C, No. 18 Kechuang 11<sup>th</sup> Street, Economic and Technological Development Zone, Beijing 100176, China</u> , respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
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, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest 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, reissues, continuations, substitutions and renewals thereof.	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
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.	
LEGAL NAME OF INVENTOR	
Inventor: <u>Jiangxu WU</u>	Date: <u>2018.10.31</u>
Signature: <u>Jiangxu WU</u>	

**OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

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

<b>Title of Invention</b>	VIDEO SHARING IMPLEMENTATION METHOD AND SYSTEM
As the below named inventor, I hereby declare that:	
This declaration <input type="checkbox"/> The attached application, or is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2017/081392</u> filed on <u>April 21, 2017</u>	
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.	
WHEREAS, <u>BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO, LTD. and BEIJING JINGDONG CENTURY TRADING CO., LTD.</u>	
(hereinafter referred to as "ASSIGNEES") having places of business at: <u>Western 1-4<sup>th</sup> Floors &amp; Eastern 1-4<sup>th</sup> Floors of Building No. 11, Fourth District of West Cedar Creative Park, Kingshikou Road No. 65, Haidian District, Beijing 100195, China and Room 201, 2/F, Block C, No. 18 Kechuang 11<sup>th</sup> Street, Economic and Technological Development Zone, Beijing 100176, China,</u> respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
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, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest 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, reissues, continuations, substitutions and renewals thereof.	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
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.	
LEGAL NAME OF INVENTOR	
Inventor: <u>Shitao SONG</u>	Date: <u>2018. 10. 31</u>
Signature: <u>Shitao Song</u>	

**OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
 ATTORNEYS AT LAW  
 1940 DUKE STREET  
 ALEXANDRIA, VIRGINIA 22314

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

<b>Title of Invention</b>	VIDEO SHARING IMPLEMENTATION METHOD AND SYSTEM
As the below named inventor, I hereby declare that:	
This declaration <input type="checkbox"/> The attached application, or	
is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2017/081392</u> filed on <u>April 21, 2017</u>	
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.	
WHEREAS, <u>BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO, LTD. and BEIJING JINGDONG CENTURY TRADING CO., LTD.</u>	
(hereinafter referred to as "ASSIGNEES") having places of business at: <u>Western 1-4<sup>th</sup> Floors &amp; Eastern 1-4<sup>th</sup> Floors of Building No. 11, Fourth District of West Cedar Creative Park, Xingshikou Road No. 65, Haidian District, Beijing 100195, China and Room 201, 2/F, Block C, No. 18 Kechuang 11<sup>th</sup> Street, Economic and Technological Development Zone, Beijing 100176, China</u> , respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
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, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest 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, reissues, continuations, substitutions and renewals thereof.	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
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.	
LEGAL NAME OF INVENTOR	
Inventor: <u>Ganglin PENG</u>	Date: <u>2018. 10. 31</u>
Signature: <u>Ganglin PENG</u>	

**OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

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

<b>Title of Invention</b>	VIDEO SHARING IMPLEMENTATION METHOD AND SYSTEM
As the below named inventor, I hereby declare that:	
This declaration <input type="checkbox"/> The attached application, or	
is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2017/081392</u> filed on <u>April 21, 2017</u>	
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.	
WHEREAS, <u>BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO, LTD. and BEIJING JINGDONG CENTURY TRADING CO., LTD.</u>	
(hereinafter referred to as "ASSIGNEES") having places of business at: <u>Western 1-4<sup>th</sup> Floors &amp; Eastern 1-4<sup>th</sup> Floors of Building No. 11, Fourth District of West Cedar Creative Park, Xingshikou Road No. 65, Haidian District, Beijing 100195, China and Room 201, 2/F, Block C, No. 18 Kechuang 11<sup>th</sup> Street, Economic and Technological Development Zone, Beijing, 100176, China</u> , respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
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, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest 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, reissues, continuations, substitutions and renewals thereof.	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
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.	
<b>LEGAL NAME OF INVENTOR</b>	
Inventor: <u>Fan LI</u>	Date: <u>2018.10.31</u>
Signature: <u>Fan LI</u>	

**OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

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

<b>Title of Invention</b>	VIDEO SHARING IMPLEMENTATION METHOD AND SYSTEM
As the below named inventor, I hereby declare that:	
This declaration <input type="checkbox"/> The attached application, or	
is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2017/081392</u>	
filed on <u>April 21, 2017</u>	
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.	
WHEREAS, <u>BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO, LTD. and BEIJING JINGDONG CENTURY TRADING CO., LTD.</u>	
(hereinafter referred to as "ASSIGNEES") having places of business at: <u>Western 1-4<sup>th</sup> Floors &amp; Eastern 1-4<sup>th</sup> Floors of Building No. 11, Fourth District of West Cedar Creative Park, Xingshikou Road No. 65, Haidian District, Beijing 100195, China and Room 201, 2/F, Block C, No. 18 Kechuang, 11<sup>th</sup> Street, Economic and Technological Development Zone, Beijing 100176, China</u> , respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
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, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest 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, reissues, continuations, substitutions and renewals thereof.	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
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.	
LEGAL NAME OF INVENTOR	
Inventor: <u>Leifeng KONG</u>	Date: <u>2018.10.31</u>
Signature: <u>Leifeng KONG</u>	

**OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
 ATTORNEYS AT LAW  
 1940 DUKE STREET  
 ALEXANDRIA, VIRGINIA 22314

Attorney Docket Number: 517719US

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

<b>Title of Invention</b>	VIDEO SHARING IMPLEMENTATION METHOD AND SYSTEM
As the below named inventor, I hereby declare that:	
This declaration <input type="checkbox"/> The attached application, or	
is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2017/081392</u>	
filed on <u>April 21, 2017</u>	
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.	
WHEREAS, <u>BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO, LTD. and BEIJING JINGDONG CENTURY TRADING CO., LTD.</u>	
(hereinafter referred to as "ASSIGNEES") having places of business at: <u>Western 1-4<sup>th</sup> Floors &amp; Eastern 1-4<sup>th</sup> Floors of Building No. 11, Fourth District of West Cedar Creative Park, Xingshikou Road No. 65, Haidian District, Beijing 100195, China and Room 201, 2/F, Block C, No. 18 Keehuang 11<sup>th</sup> Street, Economic and Technological Development Zone, Beijing 100176, China</u> , respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
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, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest 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, reissues, continuations, substitutions and renewals thereof.	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
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.	
LEGAL NAME OF INVENTOR	
Inventor: <u>Xuechao CAO</u>	Date: <u>2017.10.31</u>
Signature: <u>Xuechao CAO</u>	

**OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

**PATENT**  
**REEL: 047397 FRAME: 0415**

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

<b>Title of Invention</b>	VIDEO SHARING IMPLEMENTATION METHOD AND SYSTEM
As the below named inventor, I hereby declare that:	
This declaration <input type="checkbox"/> The attached application, or	
is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2017/081392</u> filed on <u>April 21, 2017</u>	
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.	
WHEREAS, <u>BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO, LTD. and BEIJING JINGDONG CENTURY TRADING CO., LTD.</u>	
(hereinafter referred to as "ASSIGNEES") having places of business at: <u>Western 1-4<sup>th</sup> Floors &amp; Eastern 1-4<sup>th</sup> Floors of Building No. 11, Fourth District of West Cedar Creative Park, Xingshikou Road No. 65, Haidian District, Beijing 100195, China and Room 201, 2/F, Block C, No. 18 Kechuang 1<sup>st</sup> Street, Economic and Technological Development Zone, Beijing 100176, China,</u> respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
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, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest 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, reissues, continuations, substitutions and renewals thereof.	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
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.	
<b>LEGAL NAME OF INVENTOR</b>	
Inventor: <u>Sikun YAO</u>	Date: <u>2018.10.31</u>
Signature: <u>Sikun YAO</u>	

**OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

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

<b>Title of Invention</b>	VIDEO SHARING IMPLEMENTATION METHOD AND SYSTEM
As the below named inventor, I hereby declare that:	
This declaration <input type="checkbox"/> The attached application, or is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2017/081392</u> filed on <u>April 21, 2017</u>	
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.	
WHEREAS, <u>BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO, LTD. and BEIJING JINGDONG CENTURY TRADING CO., LTD.</u>	
(hereinafter referred to as "ASSIGNEES") having places of business at: <u>Western 1-4<sup>th</sup> Floors &amp; Eastern 1-4<sup>th</sup> Floors of Building No. 11, Fourth District of West Cedar Creative Park, Xingshikou Road No. 65, Haidian District, Beijing 100195, China and Room 201, 2/F, Block C, No. 18 Kechuang 11<sup>th</sup> Street, Economic and Technological Development Zone, Beijing 100176, China</u> , respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
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, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest 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, reissues, continuations, substitutions and renewals thereof.	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
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.	
<b>LEGAL NAME OF INVENTOR</b>	
Inventor: <u>Hongguang ZHANG</u>	Date: <u>2018.10.21</u>
Signature: <u>Hongguang ZHANG</u>	

**OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

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

<b>Title of Invention</b>	VIDEO SHARING IMPLEMENTATION METHOD AND SYSTEM
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration <input type="checkbox"/> The attached application, or  is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/CN2017/081392</u>  filed on <u>April 21, 2017</u></p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>WHEREAS, <u>BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO, LTD. and BEIJING JINGDONG CENTURY TRADING CO., LTD.</u>  (hereinafter referred to as "ASSIGNEES") having places of business at: <u>Western 1-4<sup>th</sup> Floors &amp; Eastern 1-4<sup>th</sup> Floors of Building No. 11, Fourth District of West Cedar Creative Park, Xingshikou Road No. 65, Haidian District, Beijing 100195, China and Room 201, 2/F, Block C, No. 18 Kechuang 11<sup>th</sup> Street, Economic and Technological Development Zone, Beijing 100176, China,</u> respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;</p> <p>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, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest 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, reissues, continuations, substitutions and renewals thereof.</p> <p>I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 me had this Assignment and sale not been made.</p> <p>Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.</p> <p>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.</p>	
LEGAL NAME OF INVENTOR	
Inventor: <u>Man ZHANG</u>	Date: <u>2018. 04. 31</u>
Signature: <u>Man Zhang</u>	

**OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

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

**Title of Invention** VIDEO SHARING IMPLEMENTATION METHOD AND SYSTEM

As the below named inventor, I hereby declare that:

This declaration  The attached application, or

is directed to:  United States application or PCT international application number PCT/CN2017/081392 filed on April 21, 2017

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.

WHEREAS, BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO, LTD. and BEIJING JINGDONG CENTURY TRADING CO., LTD.

(hereinafter referred to as "ASSIGNEES") having places of business at: Western 1-4<sup>th</sup> Floors & Eastern 1-4<sup>th</sup> Floors of Building No. 11, Fourth District of West Cedar Creative Park, Xingshikou Road No. 65, Haidian District, Beijing 100195, China and Room 201, 2/F, Block C, No. 18 Kechuang 11<sup>th</sup> Street, Economic and Technological Development Zone, Beijing 100176, China, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

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, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest 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, reissues, continuations, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

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.

LEGAL NAME OF INVENTOR

Inventor: Weihua ZHANG Date: 2/18. 10. 31

Signature: Weihua Zhang

**OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

**PATENT**