507066998 01/11/2022

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7113834

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YINGWEI PAN	11/23/2021
TING YAO	11/23/2021
TAO MEI	11/23/2021

#### **RECEIVING PARTY DATA**

BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO., LTD.
8TH FLOOR OF BUILDING, NO. 76, ZHICHUN ROAD, HAIDIAN DISTRICT
BEIJING
CHINA
100086
BEIJING JINGDONG CENTURY TRADING CO., LTD.
ROOM 201, 2/F, BLOCK C, NO.18 KECHUANG 11TH STREET, BEIJING ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE
BEIJING
CHINA
100176

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

Property Type	Number
Application Number:	17626171

#### **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.

**Phone:** 6099371392

Email: lungtinus@lungtin.com

Correspondent Name: LUNG TIN LLC

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ATTORNEY DOCKET NUMBER:	LZ2118375CN08-US
NAME OF SUBMITTER:	QINGHONG XU
SIGNATURE:	/Qinghong XU/

PATENT 507066998 REEL: 058615 FRAME: 0633

DATE SIGNED:	01/11/2022
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 6	
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PATENT REEL: 058615 FRAME: 0634

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

***************************************	Title of Invention	IMAGE PARAGRAPH DESCRIPTION GENERATING METHOD ANI APPARATUS, MEDIUM AND ELECTRONIC DEVICE		
As a below named inventor, I hereby declare that:				
DODGGGGGG	This declar	ration		
-	is directed	to: IF The attached application, or		
Marriagon	e e e e e e e e e e e e e e e e e e e	United States application or PCT international application numberfiled on		
-	гле ароче-г	dentified application was made or authorized to be made by me.		
OCCUPATION OF THE PERSON	believe than the applic	at I am the original inventor or an original joint inventor of a claimed invention ation.		
į	hereby ac ounishable of or both	cknowledge that any willful false statement made in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) th.		

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to BELIING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO., LTD., having a place of business at 8th Floor of Building, No. 76, Zhichun Road, Haidian District, Beijing, 100086 People's Republic of China, and BEIJING JINGDONG CENTURY TRADING CO., LTD., having a place of business at Room 201, 2/F, Block C, No.18 Kechuang 11th Street, Beijing Economic and Technological Development Zone, Beijing 100176, China (each hereinafter referred to as "ASSIGNEE"), the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above-identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which claims priority to PCT/CN2020/078837 filed on March 11. 2020; which in turn claims priority to 201910629398.8 filed on July 12, 2019; such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, deciarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the agents and attorneys of the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

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LEGAL NAME OF INVENTOR	
Inventor: Yingwei PAN	Date: Nov 23, 2021
Signature: Yingwei PAN	
The state of the s	10000000000000000000000000000000000000

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	Title of Invention	IMAGE P. APPARATI	ARAGRAPH US, MEDIUM .	DESCRIPTION AND ELECTRO	GENERATING VIC DEVICE	METHOD	AND
As a below named inventor, I hereby declare that:						**************************************	
-	This declar	ation					
<b>Description</b>	is directed	to:	The attached	application, or			
COCCUPATION OF THE PROPERTY OF THE PERSONS	The above-i			es application of the filed on the filed on authorized			ation
	believe than	t I am the o ation.	riginal inventor	or an original jo	int inventor of a	claimed inver	ntion
1	hereby ac punishable τ ears, or bot	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	that any willt .S.C. 1001 by	ul false statemi fine or imprisor	ent made in th nment of not m	is declaration ore than five	1 is (5)
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AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

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LEGAL NAME OF INVENTOR	
Inventor: Ting YAO	Date: Nov. 23, 202
Signature: Ting YAO	3000
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- 1	;	The state of the s		
Shoomera	Title of Invention	IMAGE PARAGRAPH DESCRIPTION GENERATING METHOD AN APPARATUS, MEDIUM AND ELECTRONIC DEVICE		
As a below named inventor, I hereby declare that:				
	This declar	ration		
-	is directed	to:		
The state of the s	The above-io	United States application or PCT international application number filed on dentified application was made or authorized to be made by me.		
į		t I am the original inventor or an original laint inventor.		
) )	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)			

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STATE OF THE PERSON	Inventor: Tao MEI				
	Signature Tao Me		Date: 100 2-3.	2021	-Einer-Ganne
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