PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7184853

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QI LIU	02/15/2022
GUANGZHOU ZHAI	02/15/2022
WEIHUA CUI	02/15/2022

RECEIVING PARTY DATA

Name:	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	
Street Address:	35/F, TENCENT BUILDING, KEJIZHONGYI ROAD	
Internal Address:	MIDWEST DISTRICT OF HI-TECH PARK, NANSHAN DISTRICT	
City:	SHENZHEN, GUANGDONG	
State/Country:	CHINA	
Postal Code:	518057	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17675293

CORRESPONDENCE DATA

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.

Email: shockaday@oblon.com

Correspondent Name: OBLON

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	540854US
NAME OF SUBMITTER:	SUSIE HOCKADAY
SIGNATURE:	/Susie Hockaday/
DATE SIGNED:	02/18/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT 507138011 REEL: 059289 FRAME: 0280

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PATENT REEL: 059289 FRAME: 0281 Attorney Docket Number: 20PCT675US/540854US

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

Title of Invention	CAMERA MOVEMENT CONTROL METHOD AND APPARATUS, DEVICE, AND STORAGE MEDIUM		
As the below named	finventor, I hereby declare that:		
This declaration \boxtimes	The attached application, or		
is directed to:	United States application or PCT international application numberfiled on		
The above-identifie	The above-identified application was made or authorized to be made by me.		
I believe that I am th	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
(hereinafter referred Midwest District of the entire right, titl	ICENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED I to as "ASSIGNEE") having places of business at: 35/F, Tencent Building, Kejizhongyi Road. Hi-tech Park, Nanshan District, Shenzhen, Guangdong 518057 China, is desirous of acquiring e and interest in and to said invention and in and to any Letters Patent that may be granted ted States and its territorial possessions and in any and all foreign countries;		
acknowledged, and said ASSIGNEE, th and in all foreign co other relevant Inter- interest in and to as	ORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto e full and exclusive right to the said invention in the United States and its territorial possessions puntries (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and my and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.		
any and all foreign assignee of my enti (his) successors and	te and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the re right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its I assigns, to the full end of the term for which said Letters Patent may be granted, as fully and would have been held by me had this Assignment and sale not been made.		
respecting said inv continuation, substituted all of said Letters is possible to aid said	that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me rention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, tute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ted States and its territorial possessions and in any and all foreign countries.		
	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.		
LEGAL NAME OF INVENTOR			
Inventor: Qi LIU	Date: 2022.2.15		
Signature: Qi 11			

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 059289 FRAME: 0282

Attorney Docket Number: 20PCT675US/540854US

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

Title of CAMERA MOVEM Invention AND STORAGE ME	ENT CONTROL METHOD AND APPARATUS, DEVICE, DIUM	
As the below named inventor, I hereby decla	e that:	
This declaration \boxtimes The attached applicatio	i, or	
	n or PCT international application number	
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, TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED (hereinafter referred to as "ASSIGNEE") having places of business at: 35/F. Tencent Building, Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan District, Shenzhen, Guangdong, 518057 China, is desirous of acquiring 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;		
acknowledged, and for other good and valu- said ASSIGNEE, the full and exclusive righ and in all foreign countries (including the rig other relevant International Treaties and Arr interest in and to any and all Letters Patent	f the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby ble consideration, I, by these presents do sell, assign and transfer unto to the said invention in the United States and its territorial possessions ht to claim priority under the terms of the International Convention and angements from the aforesaid application) and the entire right, title and which may be granted therefor in the United States and its territorial untries and in and to any and all divisions, reissues, continuations,	
any and all foreign countries to issue any a assignee of my entire right, title and interest (his) successors and assigns, to the full end	Office Officials in the United States and its territorial possessions and all of said Letters Patent, when granted, to said ASSIGNEE as the in and to the same, for the sole use and behoof of said ASSIGNEE, its of the term for which said Letters Patent may be granted, as fully and me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEE or its (his) 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 ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) 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 fals by fine or imprisonment of not more than fiv	e statement made in this declaration is punishable under 18 U.S.C. 1001 (5) years, or both.	
LEGAL NAME OF INVENTOR		
Inventor: Guangzhou ZHAI	Date: 2032-2./5	
Signature: Guard 2hou 2HA7		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 059289 FRAME: 0283

Attorney Docket Number: 20PCT675US/540854US

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

Title of CAMERA MOVEMENT CONTROL METHOD AND APPARATUS, DEVICE,		
Invention AND STORAGE MEDIUM		
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		
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, TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED (hereinafter referred to as "ASSIGNEE") having places of business at: 35/F, Tencent Building, Kejizhongyi Road, Midwest District of Hi-tech Park, Nanshan District, Shenzhen, Guangdong, \$18057 China, is desirous of acquiring 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 ASSIGNEE, 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 ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) 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 ASSIGNEE or its (his) 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 ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) 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 CUI Date: 2022.2.15		
Signature: We'kus (1)		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 059289 FRAME: 0284

RECORDED: 02/18/2022