### 506356422 11/16/2020

EPAS ID: PAT6403176

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YEONGDOO CHOI	10/27/2020
SHAN LIU	10/30/2020
STEPHAN WENGER	10/27/2020

### **RECEIVING PARTY DATA**

Name:	TENCENT AMERICA LLC
Street Address:	2747 PARK BOULEVARD
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94306

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

Property Type	Number
Application Number:	17098892

### **CORRESPONDENCE DATA**

**Fax Number:** (202)293-7860

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: 202-293-7060

**Email:** qgraham@sughrue.com, sughrue@sughrue.com

Correspondent Name: SUGHRUE MION, PLLC

Address Line 1: 2000 PENNSYLVANIA AVENUE, N.W.

Address Line 2: SUITE 900

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	Q258401
NAME OF SUBMITTER: QIANA GRAHAM, NEW APPLICATION DEPT	
SIGNATURE:	/Qiana Graham/
DATE SIGNED:	11/16/2020

### **Total Attachments: 9**

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PATENT 506356422 REEL: 054378 FRAME: 0202

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Docket No.: <u>Q258401</u> Only After Sept 16, 2012

# ASSIGNMENT WITH DECLARATION FOR PATENT APPLICATION (37 CFR 1.63)

## 專利申請轉讓聲明書(37 CFR 1.63)

### Chinese Language Assignment with Declaration

整於,我/我們,即下面簽名之發明人(以下簡稱「轉讓 人」),已發明下文確認之申請中所述的若干改善之處,和	Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and		
鑒於。(地址位於)(「承 讓人」)意欲購買申請和發明以及就此隨後獲取的任何美國 專利中的全部權利、所有權和權益;	Whereas, TENCENT AMERICA LLC of 2747 Park Boulevard, Palo Alto, CA, 94306, United States, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;		
因此,就有值代價而言,相關收據特此確認:	Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,		
我/我們,上文指名轉讓人,特此向上文指名承讓人及其繼承人和受讓人出售、轉讓及出讓該申請中適用於美利堅合眾 臟的全部權利、所有權和權益,及該申請中披露的適用於美 利堅合眾國的發明(包括該申請的所有分案和延續申請), 及可能據此頒發的所有美國專利證書及所有再頒發之專利證 書(包括35 USC 119項下的要求優先權的權利及就過往損害賠 價提起訴訟的權利),及適用於所有其他國家的發明(包括 經修訂1883年巴黎國際公約項下的優先權);我/我們請求 美國專利及商標局局長向承讓人及其繼承人和受讓人簽發該 申請中所載列之發明的任何專利證書;及我/我們特此問意 承讓人可申請外國發明之專利證書,且我/我們將會應承讓 人的要求,無償簽立承讓人申請美國和外國專利所必需的所 有文件。	I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 USC 119 and the right to sue for past damages, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.		
(合法化審批無需記錄,但須作為35 USC 261項下執行的表面 證據)	(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)		
作為下述發明人,我特此聲明;	As the below named inventor, I hereby declare that:		
該轉選聲明書乃有關:	This assignment with declaration is directed to:		
□ 隨附的申請或	The attached application, or		
□ 於	United States Application or PCT International Application Number filed on		
該申請有權:	The application is entitled:		
	METHOD FOR SIGNALING RECTANGULAR SLICE PARTITIONING IN CODED VIDEO STREAM		

[Page 1]

### Chinese Assignment with Declaration

我已做出或授權他人做出上述確認的申請。

我相信我是申請中要求保護的發明的原始發明人或原始聯合發明人之一。

我己讓閩並了解提出該轉讓聲明的申請內容。

根據37 CFR 1.56之規定,我知悉我有義務向專利局透露擴我 所知的有關專利性的所有實質性資訊。

特此確認,根據18 USC 1001之規定,於本轉讓聲明書中蓄意 做出任何虛假聲明會被處以罰款或五 (5) 年以下監禁或兩者 並罰。 The above identified application was made or was 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.

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by line or imprisonment of not more than five (5) years, or both.

### STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b):

The assignment with declaration is an accurate translation of the corresponding English language assignment with declaration.

Signature

[Page 2]

Date March 17, 2014

**PATENT** 

NAME OF SOLE OR FIRST INVENTOR: 唯一發明人或第一發明人姓名;			
Given Name (first and middle [if any]) 名字(名和中名〔若育〕) Byeongdoo	Family Name or Surname 姓氏 CHOI		
Inventor's signature 發明人簽名		Date <sup>日期</sup> 10/27/2020	
Residence: 任所: Palo Alto, CA, United States			
Mailing Address: - 透紙地址: c/o TENCENT AMERICA LLC, 2747 Park Boules	vard, Palo Alto, California 94	306, USA	
NAME OF SECOND INVENTOR: 第二發明人姓名:			
Given Name (first and middle [if any]) 名字(名和中名[若有]) Shan	Family Name or Surname 姓氏	I.II.I	
Inventor's signature 發明人簽名		Date 日期	
Residence: 住所: San Jose, CA, United States			
Mailing Address: 遊跳地址: c/o TENCENT AMERICA LLC, 2747 Park Bonlevard, Palo Alto, California 94306, USA			
NAME OF THIRD INVENTOR: 第三發蝦人姓名:			
Given Name (first and middle [if any]) 名字(名和中名[若育]) Stephan	Family Name or Surname 姓氏	WENGER	
Inventor's signature 發明人簽名		Date 日開	
Residence: 住所: Hillsborough, CA, United States			
Mailing Address: 適能地址: c/o TENCENT AMERICA LLC 2747 Park Bouleward, Palo Alto, California 94306, USA			

**PATENT** 

[Page 3]

Docket No.: <u>Q258401</u> Only After Sept 16, 2012

# ASSIGNMENT WITH DECLARATION FOR PATENT APPLICATION (37 CFR 1.63)

## 專利申請轉讓聲明書(37 CFR 1.63)

### Chinese Language Assignment with Declaration

	<ul><li>我/我們,即下面簽名之發明人(以下簡稱「轉讓 ),已發明下文確認之申請中所述的若干改善之處,和</li></ul>	assi	ereas, I/We, the undersigned inventor(s) hereinafter called gnor(s), have invented certain improvements described in the lication identified below; and	
	;(地址位於)(「承 」)意欲購買申請和發明以及就此隨後獲取的任何美國  中的全部權利、所有權和權益;	Pale the	ereas, TENCENT AMERICA LLC of 2747 Park Boulevard, Alto. CA. 94306, United States, (assignee), desires to acquire entire right, title, and interest in the application and invention, to any United States patents to be obtained therefor;	
因此	2、就有值代價而言,相關收據特此確認;		v therefore, for valuable consideration, receipt whereof is by acknowledged,	
我/我們,上文指名轉讓人,特此向上文指名承讓人及其繼承人和受讓人出售、轉讓及出讓該申請中適用於美利堅合眾 關的全部權利、所有權和權益,及該申請中披露的適用於美 利緊合眾國的發明(包括該申請的所有分案和延續申請), 及可能據此頒發的所有美國專利證書及所有再頒發之專利證 書(包括35 ISC 119項下的要求優先權的權利及就過往損害賠 償提起訴訟的權利),及適用於所有其他國家的發明(包括 經修訂1883年巴黎國際公約項下的優先權);我/我們請求 美國專利及商標局局長向承讓人及其繼承人和受讓人簽發該 申請中所載列之發明的任何專利證書,及我/我們特此問意 承讓人可申請外國發明之專利證書,且我/我們將會應承讓 人的要求,無償簽立承讓人申請美國和外國專利所必需的所 有文件。		I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 USC 119 and the right to sue for past damages, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.		
(合 證据	法化審推無需記錄,但須作為35 ESC 261項下執行的表題 ()		galization not required for recording but is prima facie evidence recortion under 35 USC 261)	
作為	下述發明人,我特此聲明;	As t	he below named inventor, I hereby declare that:	
該與	<b>讓聲明書乃有關</b> :	Thi:	assignment with declaration is directed to:	
	隨附的申請或	$\boxtimes$	The attached application, or	
	於		United States Application or PCT International Application Number filed on	
該申	請有權:	The	application is entitled:	
			THOD FOR SIGNALING RECTANGULAR SLICE RITHONING IN CODED VIDEO STREAM	

### Chinese Assignment with Declaration

我已做出或授權他人做出上述確認的申請。

我相信我是申請中要求保護的發明的原始發明人或原始聯合發明人之一。

我己讓閩並了解提出該轉讓聲明的申請內容。

根據37 CFR 1.56之規定,我知悉我有義務向專利局透露擴我 所知的有關專利性的所有實質性資訊。

特此確認,根據18 USC 1001之規定,於本轉讓聲明書中蓄意 做出任何虛假聲明會被處以罰款或五 (5) 年以下監禁或兩者 並罰。 The above identified application was made or was authorized to be made by me.

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### STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b):

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Signature

Date

[Page 2]

March 17, 2014

**PATENT** 

NAME OF SOLE OR FIRST INVENTOR: 唯一發明人或第一發明人姓名;			
Given Name (first and middle [if any]) 名字(名和中名〔若育〕) Byeongdoo	Family Name or Surname 姓氏	CHOI	
Inventor's signature 發明人簽名	4	Date 日期	
Residence: 任所: Palo Alto, CA, United States			
Mailing Address: 遵訊地址: c/o TENCENT AMERICA LLC, 2747 Park Boules	ard, Palo Alto, California 943	106, USA	
NAME OF SECOND INVENTOR: 第二發明人姓名:			
Given Name (first and middle [if any]) 名字(名和中名[若有]) Shan	Family Name or Surname 姓氏	LIU	
Inventor's signature 發明人簽名 Shan Liu	4 -	Date 日期 2020-10-30	
Residence: 住所: San Jose, CA, United States			
Mailing Address: <sup>遠部地址:</sup> c/o TENCENT AMERICA LLC, 2747 Park Boulevard, Palo Alto, California 94306, USA			
NAME OF THIRD INVENTOR: 第三發網人姓名;			
Given Name (first and middle [if any]) 名字(名和中名[若有])     Stephan	Family Name or Surname 姓氏	WENGER	
Inventor's signature 發明人簽名	3	Date 日 明	
Residence: 信所: Hillsborough, CA, United States			
Mailing Address: 適能地址: c/o TENCENT AMERICA LLC, 2747 Park Boulevard, Palo Alto, California 94306, USA			

**PATENT** 

[Page 3]

Docket No.: <u>Q258401</u> Only After Sept 16, 2012

# ASSIGNMENT WITH DECLARATION FOR PATENT APPLICATION (37 CFR 1.63)

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	<ul><li>(地址位於 ) (「承 、」) 意欲購買申請和發明以及就此隨後獲取的任何美國 中的全部權利、所有權和權益;</li></ul>	Pale the	ereas, TENCENT AMERICA LLC of 2747 Park Boulevard, Alto, CA, 94306, United States, (assignee), desires to acquire entire right, title, and interest in the application and invention, to any United States patents to be obtained therefor;	
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承勝利及書僧經美申季人人能襲軍。接領國部議的	承人和受讓人出售、轉讓及出讓該申請中適用於美利堅合眾		e, the above named assignor(s), hereby sell, assign and transfer the above named assignee, its successors and assigns, the entire the title and interest in the application and the invention losed therein for the United States of America, including all stions, and continuations thereof, and all Letters Patent of the ted States that may be granted thereon, and all reissnes thereof, all countries foreign thereto, including rights of priority under all countries foreign thereto, including rights of priority under right to claim priority under 35 USC 119 and the right to sue past damages, and I/we request the Director of the U.S. Patent Trademark Office to issue any Letters Patent granted upon the antion set forth in the application to the assignee, its successors assigns; and I/we hereby agree that the assignee may apply for ign Letters Patent on the invention and I/we will execute tout further consideration all papers deemed necessary by the gnee in connection with the United States and foreign lications when called upon to do so by the assignee.	
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該鄭	藥雞明書乃有關:	This assignment with declaration is directed to:		
	<b>隨附的申請或</b>	$\boxtimes$	The attached application, or	
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Signature

[Page 2]

Date March 17, 2014

NAME OF SOLE OR FIRST INVENTOR: 唯一發明人或第一發明人姓名;				
Given Name (first and middle [if any]) 名字(名和中名〔若有〕)     Bycongdoo	Family Name or Surname 姓氏	СНОІ		
Inventor's signature 發明人簽名		Date 日期		
Residence: 任所: Palo Alto, CA, United States				
Mailing Address: 遊眾地址: c/o TENCENT AMERICA LLC, 2747 Park Boulevard, Palo Alto, California 94306, USA				
NAME OF SECOND INVENTOR: 第二發明人姓名:	NAME OF SECOND INVENTOR:			
Given Name (first and middle [if any]) 名字(名和中名[若有]) Shan	Pamily Name or Surname 姓氏	LIU		
Inventor's signature 發明人簽名		Date 日期		
Residence: 练所: San Jose, CA, United States				
Mailing Address: 邊部地址: c/o TENCENT AMERICA LLC, 2747 Park Boulevard, Palo Alto, California 94306, USA				
NAME OF THIRD INVENTOR: 第三转明人线名:				
Given Name (first and middle [if any]) 名字(名称中名[若有])     Stephan	Family Name or Surname 姓氏	WENGER		
Inventor's signature し、 U し し		Date 日期 10/27/2020		
Residence: 住所: Hillsborough, CA, United States				
Mailing Address: 適能地址: a/s TENICENE AMERICA LLC 2747 Paul Doubland Dala Alta California 04206 DEA				

[Page 3] PATENT

RECORDED: 11/16/2020