506336088 11/03/2020

EPAS ID: PAT6382839

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEI JIANG	10/28/2020
WEI WANG	10/28/2020
SHAN LIU	10/28/2020

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:	17088075

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: hderello@sughrue.com, sughrue@sughrue.com

SUGHRUE MION, PLLC **Correspondent Name:**

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

Address Line 2: SUITE 900

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER: Q258396 **NAME OF SUBMITTER:** HIROKO DERELLO **SIGNATURE:** /Hiroko Derello/ **DATE SIGNED:** 11/03/2020

Total Attachments: 9

source=Q258396AssignmentwithDeclarationasfiled#page1.tif source=Q258396AssignmentwithDeclarationasfiled#page2.tif source=Q258396AssignmentwithDeclarationasfiled#page3.tif



Docket No.: <u>Q258396</u> Only After Sept 16, 2012

Whereas, I/We, the undersigned inventor(s) hereinafter called

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

鑒於,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	assignor(s), have invented certain improvements described in the application identified below; and		
> 2	Whereas, <u>TENCENT AMERICA LLC of 2747 Park Boulevard</u> , <u>Palo Alto, CA, 94306, United States</u> , (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緊合眾關的全部權利、所有權和權益,及該申請中披露的適用於美利堅合眾關的發明(包括該申請的所有分案和延續申請),及可能據此鄉發的所有美國專利證書及所有再鄉發之專利證書(包括35 ESC 119項下的要求優先權的權利及就通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權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/我們特此同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,無值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, fitle 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,但領作為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,我特此發明;	As the below named inventor, I hereby declare that:		
該轉讓聲明畫乃有關:	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:		
	NEURAL NETWORK MODEL COMPRESSION WITH SELECTIVE STRUCTURED WEIGHT UNIFICATION		

[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。

我已讀閱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據我 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器款或五 (5) 年以下監禁或兩者 並屬。 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 fine 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

Date March 17, 2014

REEL: 054258 FRAME: 0339

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)) Wei	Family Name or Surname 舞氏	JIANG	
Inventor's signature 發明人簽名	Da El		
Residence: 住所: Palo Alto, CA, United States			
Mailing Address: - 選紙地址: c/o TENCENT AMERICA LLC, 2747 Park Boulevard, Palo Alto, California 94306, USA			
NAME OF SECOND INVENTOR: 第二發明人姓名:			
Given Name (first and middle [if any]) 名字(名和中名[若有]) Wei	Pamily Name or Surname 姓氏	WANG	
Inventor's signature 發明人簽名	Da ⊖		
Residence: 住所: Palo Alio, CA, United States			
Mailing Address: 通訊地址: c/o TENCENT AMERICA LLC, 2747 Park Boulevard, Palo Alto, California 94306, USA			
NAME OF THIRD INVENTOR: 第三發明人姓名:			
Given Name (first and middle [if any]) 名字(名利中名[若有]) Shan	Family Name or Surname 姓氏	LIU	
Inventor's signature 發明人簽名	Da B	``	
Residence: 住所: San Jose, CA. United States			
Mailing Address: 遠部地址: e/o TENCENT AMERICA LLC, 2747 Park Boulevard, Palo Alto, California 94306, USA			

[Page 3]

PATENT

REEL: 054258 FRAME: 0340

Docket No.: <u>Q258396</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

鑒於,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	
> 2	Whereas, TENCENT AMERICA LLC of 2747 Park Boulever Palo Alto, CA, 94306, United States, (assignee), desires to acquire entire right, title, and interest in the application and invent 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單關的全部權利、所有權和權益,及該申請中披露的適用於美利堅合單關的發明(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 ESC 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到之發明的任何專利證書,及我/我們特此同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:	
該轉鐮聲明書乃有關:	This assignment with declaration is directed to:	
□ 殘附的申請或	The attached application, or	
□ 於	United States Application or PCT International Application Number filed on	
該申請有權:	The application is entitled:	
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[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。

我已讀閱並了解提出該轉讓聲明的申請內容。

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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器款或五 (5) 年以下監禁或兩者 並屬。 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):

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

Signature

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)) Wei	Family Name or Surname 姓氏	ЛАNG	
Inventor's signature 發明人簽名		Date 日期	
Residence: 住所: Palo Alto, CA, United States			
Mailing Address: 選無地址: c/o TENCENT AMERICA LLC, 2747 Park Boulevard, Palo Alto, California 94306, USA			
NAME OF SECOND INVENTOR: 第二發明人姓名:			
Given Name (first and middle [if any]) 名字(名和中名[若有]) Wei	Family Name or Surasme 姓氏	WANG	
Inventor's signature 發明人簽名		Date 10/28/2020 日期	
Residence: 住所: Palo Alio, CA, United States			
Mailing Address: 通訊地址: c/o TENCENT AMERICA LLC, 2747 Park Boulevard, Palo Alto, California 94306, USA			
NAME OF THIRD INVENTOR: 第三發明人姓名:			
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		Date 日期	
Residence: 住所: San Jose, CA, United States			
Mailing Address: 遠部地址: c/o TENCENT AMERICA LLC, 2747 Park Bouleverd, Palo Alio, California 94306, USA			

PATENT

Docket No.: <u>O258396</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

	,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	assi	creas, I/We, the undersigned inventor(s) hereinafter called gnor(s), have invented certain improvements described in the lication identified below; and
讓人	,(地址位於)(「季 」) 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;	Whereas, TENCENT AMERICA LLC of 2747 Park Bould Palo Alto, CA, 94306, United States, (assignee), desires to at the entire right, title, and interest in the application and inveand to any United States patents to be obtained therefor;	
图此	. 就有值代價而言,相關收據特此確認。		v therefore, for valuable consideration, receipt whereof is aby acknowledged,
承國利及書價經美申承 人能整可(提修嚴諾讓	我們,上文指名轉讓人,特此向上文指名承讓人及其繼和受讓人出售、轉讓及出讓該申請中適用於美利堅合眾 全部權利、所有權和權益,及該申請中披露的適用於美 合眾國的發明(包括該申請的所有分案和延續申請), 能據此類發的所有美國專利證書及所有再頒發之專利證 包括35 USC 119項下的要求優先權的權利及就通往損害賠 起訴訟的權利),及適用於所有其他國家的發明(包括 。訂1883年巴黎國際公約項下的優先權);我/我們請求 以再利及商標局局長向承讓人及其繼承人和受讓人簽發該 (中所載列之發明的任何專利證書,及我/我們特此問意 (人可申請外國發明之專利證書,且我/我們將會應承讓)要求,無當簽立承讓人申請美國和外國專利所必需的所 一件。	I/We, the above named assignor(s), hereby sell, assign and transfe to the above named assignee, its successors and assigns, the entiright, title and interest in the application and the invention disclosed therein for the United States of America, including a 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 story past damages, and I/we request the Director of the U.S. Pater and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successor and assigns; and I/we hereby agree that the assignee may apply foreign Letters Patent on the invention and I/we will execut 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 證據	·法化審批無需記錄,但須作為35 USC 261項下執行的表面 [)		galization not required for recording but is prima facie evidence xecution under 35 USC 261)
作為	下述發明人,我特此聲明:	As i	he below named inventor, I hereby declare that:
該鄭	深聲明書乃有機:	Thi	s 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	讀有權。	The	application is entitled:
		NE) SEI	JRAL NETWORK MODEL COMPRESSION WITH ECTIVE STRUCTURED WEIGHT UNIFICATION

[Page 1]

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我已做出或授權他人做出上述確認的申請。

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

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Signature

Date

March 17, 2014

REEL: 054258 FRAME: 0345

NAME OF SOLE OR FIRST INVENTOR: 唯一發明人滅第一發明人姓名;			
Given Name (first and middle [if any]) 名字(名和中名(若有)) Wei	Family Name or Surname 姓氏	HANG	
Inventor's signature 發明人簽名		Date 日期	
Residence: 保所: Palo Alto, CA, United States			
Mailing Address: 選無地: c/o TENCENT AMERICA LLC, 2747 Park Boulevard, Palo Alto, California 94306, 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〕) Wei	Family Name or Surname 姓氏	WANG	
Inventor's signature 發明人簽名		Date 日期	
Residence: 住所: Palo Alto, CA, United States			
Mailing Address: 遙跳地址: c/o TENCENT AMERICA LLC, 2747 Park Boulevard, Palo Alto, California 94306, USA			
NAME OF THIRD INVENTOR: 第三转明人姓名:			
Given Name (first and middle [if any]) 名字(名称中名〔若有〕) Shan	Family Name or Sumame 姓氏	LIU	
Inventor's signature 發明人簽名 Shan Liu		Date 日期 2020-10-28	
Residence: 住所: San Jose, CA, United States			
Mailing Address: 遠部地址:	word Doto Alto California (4306 USA	

PATENT

{Page 3} REEL: 054258 FRAME: 0346 RECORDED: 11/03/2020