PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6582787

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MENG XU	09/11/2019
XIANG LI	09/11/2019
XIAOZHONG XU	09/05/2019
GUICHUN LI	09/11/2019
SHAN LIU	09/13/2019
XIN ZHAO	09/11/2019

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:	16698322

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.

Phone: (703) 413-3000 Email: mwaller@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	523657US
NAME OF SUBMITTER:	MELISSA WALLER
SIGNATURE:	/Melissa Waller/
DATE SIGNED:	03/04/2021

Total Attachments: 6

PATENT REEL: 055487 FRAME: 0146

506536010



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	METHODS AND APPARATUSES FOR VIDE	EO CODING	
As the below named inventor, I hereby declare that:			
This declaration The attached application, or			
is directed to:	United States application or PCT international a filed on	application number	
The above-identifie	ed application was made or authorized to be made	by me.	
I believe that I am t	the original inventor or an original joint inventor o	of a claimed invention in the application.	
WHEREAS, Ten	cent America LLC		
<u>USA</u> , respectively invention and in a	d to as "ASSIGNEES") having places of business are desirous of jointly acquiring interests in the and to any Letters Patent that may be granted that any and all foreign countries;	he entire right, title and interest in and to said	
acknowledged, and said ASSIGNEES, and in all foreign cother relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DC I for other good and valuable consideration, I, by the full and exclusive right to the said invention i ountries (including the right to claim priority und mational Treaties and Arrangements from the aformy and all Letters Patent which may be granted any and all foreign countries and in and to mewals thereof.	these presents do sell, assign and transfer unto n the United States and its territorial possessions er the terms of the International Convention and presaid application) and the entire right, title and therefor in the United States and its territorial	
any and all foreign assignees of my en their successors an	ize and request the Patent Office Officials in the countries to issue any and all of said Letters Pantire right, title and interest in and to the same, for dassigns, to the full end of the term for which see would have been held by me had this Assignment	attent, when granted, to said ASSIGNEES as the or the sole use and behoof of said ASSIGNEES, said Letters Patent may be granted, as fully and	
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.			
	wledge that any willful false statement made in this ment of not more than five (5) years, or both.	s declaration is punishable under 18 U.S.C. 1001	
LEGAL NAME OF	FINVENTOR		
Inventor: Meng >	KU	Date: 09/11/2019	
Signature: Me	ong Xu		

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	METHODS AND APPARATUSES FOR VIDEO CODING	
Invention		
As the below named	d inventor, I hereby declare that:	
This declaration 🗵	The attached application, or	
is directed to:	United States application or PCT international application number filed on	
The above-identifie	ed application was made or authorized to be made by me.	
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.	
WHEREAS, Ten	cent America LLC	
(hereinafter referred to as "ASSIGNEES") having places of business at: 2747 Park Boulevard, Palo Alto, CA 94306, USA, 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;		
acknowledged, and said ASSIGNEES, and in all foreign co other relevant Inter- interest in and to a	FORE, 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 the full and exclusive right to the said invention in the United States and its territorial possessions ountries (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 assignees of my en their successors and	ze 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 ASSIGNEES as the stire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a 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.		
	reledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.	
LEGAL NAME OF	INVENTOR	
Inventor: Xiang L	Date: 9/11/2019	
Signature: \(\sum_{\lambda} \)	ey IS	

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

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is directed to:	United States application or PCT international application number filed on	
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WHEREAS, Ten	cent America LLC	
(hereinafter referred to as "ASSIGNEES") having places of business at: 2747 Park Boulevard, Palo Alto, CA 94306, USA, 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.		
	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.	
LEGAL NAME OF	INVENTOR	
Inventor: Xiaozho	ong XU Date: $09/95/19$	
Signature:	Vigorchema Xh	

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

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This declaration \	This declaration 🛛 The attached application, or		
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<u>USA</u> , respectively invention and in a	d to as "ASSIGNEES") having places of business at: <u>2747 Park Boulevard</u> , <u>Palo Alto</u> , <u>CA 94306</u> , are desirous of jointly acquiring interests in the entire right, title and interest in and to said and to any Letters Patent that may be granted therefore in the United States and its territorial any and all foreign countries;		
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	rledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.		
LEGAL NAME OF INVENTOR			
Inventor: Guichu	n LI Date: 09/11/2019		
Signature:	A. J.		

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

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Title of Invention	METHODS AND APPARATUSES FOR VID	DEO CODING		
As the below name	As the below named inventor, I hereby declare that:			
This declaration	This declaration The attached application, or			
is directed to:	United States application or PCT international a filed on	pplication number		
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any and all foreign assignees of my en their successors an	ize and request the Patent Office Officials in the a countries to issue any and all of said Letters Patentire right, title and interest in and to the same, for d assigns, to the full end of the term for which see would have been held by me had this Assignment	tent, when granted, to said ASSIGNEES as the r the sole use and behoof of said ASSIGNEES, aid Letters Patent may be granted, as fully and		
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	vledge that any willful false statement made in this ment of not more than five (5) years, or both.	declaration is punishable under 18 U.S.C. 1001		
LEGAL NAME O	FINVENTOR			
Inventor: Shan L	IU	Date: 2019-09-13		
Signature: Sha	en Liu			

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

RECORDED: 03/04/2021

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The above-identifie	ed application was made or authorized to be ma	de by me.	
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acknowledged, and said ASSIGNEES, and in all foreign co other relevant Inter- interest in and to a	I for other good and valuable consideration, I, the full and exclusive right to the said invention ountries (including the right to claim priority us mational Treaties and Arrangements from the a any and all Letters Patent which may be grant any and all foreign countries and in and	DOLLARS (\$5.00), the receipt whereof is hereby by these presents do sell, assign and transfer unto in the United States and its territorial possessions inder the terms of the International Convention and aforesaid application) and the entire right, title and ted therefor in the United States and its territorial to any and all divisions, reissues, continuations,	
any and all foreign assignees of my en their successors and	countries to issue any and all of said Letters atire right, title and interest in and to the same,	he United States and its territorial possessions and Patent, when granted, to said ASSIGNEES as the for the sole use and behoof of said ASSIGNEES, h said Letters Patent may be granted, as fully and ment and sale not been made.	
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	wledge that any willful false statement made in to ment of not more than five (5) years, or both.	this declaration is punishable under 18 U.S.C. 1001	
LEGAL NAME OF	FINVENTOR		
Inventor: Xin ZH	AO	Date: _09/11/2019	
Signature: 14	in rhao		

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314