505974169 03/18/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6020877

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIANG ZHAO	01/16/2020
XIN ZHAO	01/14/2020
XIANG LI	01/14/2020
SHAN LIU	01/14/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16822985

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: mdang@oblon.com
Correspondent Name: OBLON, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	524555US
NAME OF SUBMITTER:	MATILDA DANG
SIGNATURE:	/Matilda Dang/
DATE SIGNED:	03/18/2020

Total Attachments: 4

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PATENT 505974169 REEL: 052156 FRAME: 0805

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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	SIMPLIFIED SIGNALING METHOD INTRA PREDICTION MODE	FOR AFFINE LII	NEAR WEIGHTED
As the below name	ed inventor, I hereby declare that:		
This declaration	The attached application, or		
is directed to:	United States application or PCT internation filed on		PF
The above-identifie	ed application was made or authorized to be ma	de by me.	
I believe that I am t	the original inventor or an original joint inventor	or of a claimed inven	ition in the application.
WHEREAS, Ten	ncent America LLC		***************************************
<u>USA</u> , respectively invention and in a	ed to as "ASSIGNEES") having places of busing y are desirous of jointly acquiring interests in and to any Letters Patent that may be granted any and all foreign countries;	the entire right, ti	tle and interest in and to said
acknowledged, and said ASSIGNEES, and in all foreign c other relevant Inter interest in and to a	FORE, in consideration of the sum of FIVE 1 d for other good and valuable consideration, I, the full and exclusive right to the said invention countries (including the right to claim priority of the real treaties and Arrangements from the any and all Letters Patent which may be grant in any and all foreign countries and in and cenewals thereof.	by these presents do n in the United State under the terms of the aforesaid application ted therefor in the U	o sell, assign and transfer unto es and its territorial possessions e International Convention and a) and the entire right, title and United States and its territorial
any and all foreign assignees of my en their successors an	ize and request the Patent Office Officials in to a countries to issue any and all of said Letters ntire right, title and interest in and to the same and assigns, to the full end of the term for whice would have been held by me had this Assigns	Patent, when grants, for the sole use and h said Letters Paten	ed, to said ASSIGNEES as the d behoof of said ASSIGNEES, t 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 ament of not more than five (5) years, or both.	this declaration is pu	mishable under 18 U.S.C. 1001
LEGAL NAME O	F INVENTOR		
Inventor: Liang Z	ZHĄO	Date:	01/16/2020
Signature:	liang zhao		

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 Invention	SIMPLIFIED SIGNALING METHOD INTRA PREDICTION MODE	FOR AFFINE LINEAR WEIGHTED
As the below name	d inventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application or PCT internatio filed on	
The above-identifie	ed application was made or authorized to be m	ade by me.
I believe that I am	he original inventor or an original joint inven	tor of a claimed invention in the application.
***************************************	cent America LLC	
<u>USA</u> , respectively invention and in a	are desirous of jointly acquiring interests	ness at: 2747 Park Boulevard, Palo Alto, CA 94306, in the entire right, title and interest in and to said and therefore in the United States and its territorial
acknowledged, and said ASSIGNEES, and in all foreign c other relevant Inter- interest in and to a	I for other good and valuable consideration, the full and exclusive right to the said inventiountries (including the right to claim priority mational Treaties and Arrangements from the any and all Letters Patent which may be grand 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 on in the United States and its territorial possessions under the terms of the International Convention and aforesaid application) and the entire right, title and need 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 an	countries to issue any and all of said Letter atire right, title and interest in and to the sam	the United States and its territorial possessions and s Patent, when granted, to said ASSIGNEES as the e, for the sole use and behoof of said ASSIGNEES, ch said Letters Patent may be granted, as fully and ment 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.		
	vledge that any willful false statement made in ment of not more than five (5) years, or both.	this declaration is punishable under 18 U.S.C. 1001
LEGAL NAME O	FINVENTOR	
Inventor: Xin ZH	IAO	Date: 01/14/2020
Signature: Xin		

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

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Title of Invention	SIMPLIFIED SIGNALING METHOD FOR AFFINE LINEAR WEIGHTED
AIR V CIR EI UR	INTRA PREDICTION MODE
As the below name	d inventor, I hereby declare that:
This declaration [\(\simeg\)	The attached application, or
is directed to:	United States application or PCT international 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 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 at: <u>2747 Park Boulevard</u> , Palo Alto, CA 94306, we 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;
acknowledged, and said ASSIGNEES, and in all foreign cother relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby I 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 mational Treaties and Arrangements from the aforesaid application) and the entire right, title and any 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, mewals thereof.
any and all foreign assignees of my en their successors an	ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the ntire 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 e would have been held by me had this Assignment and sale not been made.
respecting said in continuation, substiall of said Letters possible to aid said	that I will communicate to said ASSIGNEES or their representatives any facts known to me vention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, itute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything d ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said tited States and its territorial possessions and in any and all foreign countries.
	vledge 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	FINVENTOR
Inventor: Xiang I	
Signature:	1.10 - 15

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

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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	SIMPLIFIED SIGNALING METHOD FOR AFFINE LINEAR WEIGHTED
Invention	INTRA PREDICTION MODE
As the below name	d inventor, I hereby declare that:
This declaration 🗵	The attached application, or
is directed to:	United States application or PCT international application number
The above-identific	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 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 at: 2747 Park Boulevard, Palo Alto, CA 94306, we 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;
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 I 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 mational Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial and any and all foreign countries and in and to any and all divisions, reissues, continuations, mewals thereof.
any and all foreign assignees of my er their successors an	ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the ntire 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 e would have been held by me had this Assignment and sale not been made.
respecting said in continuation, substi- all of said Letters possible to aid said	that I will communicate to said ASSIGNEES or their representatives any facts known to me vention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, itute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything d ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said tited States and its territorial possessions and in any and all foreign countries.
	vledge 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	FINVENTOR
Inventor: Shan L	IU Date: 2020-01-14
Signature: 5/	ran Liu

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 052156 FRAME: 0810

RECORDED: 03/18/2020