PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7143190

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHENGXING ZHANG	01/21/2022
YU ZHOU	01/20/2022
YARUI ZHENG	01/21/2022
SHENGYU ZHANG	01/21/2022

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:	17585471

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: ttung@oblon.com

Correspondent Name: OBLON, MCCLELLAND, MAIER & NEUSTADT, L.L.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, UNITED STATES 22314

ATTORNEY DOCKET NUMBER: 540350US	
NAME OF SUBMITTER:	TARA TUNG
SIGNATURE:	/Tara Tung/
DATE SIGNED:	01/26/2022

Total Attachments: 4

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PATENT REEL: 058783 FRAME: 0811

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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 SINGLE ASSIGNEE

Title of METHOD FOR PROCESSING FREQUENCY CONTROL SIGNAL OF QUBIT Invention AND SUPERCONDUCTING QUANTUM CHIP	
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 filed on	
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 Kejizhongvi Road. Midwesi 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;	
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: Zhenxing ZHANG Date: Jan.21,2022	
Zhenning Zhang	
Signature:	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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Title of	METHOD FOR PROCESSING FREQUENC	CY CONTROL SIGNAL OF QUBIT
Invention	AND SUPERCONDUCTING QUANTUM (CHIP
As the below name	ed inventor, I hereby declare that:	
This declaration 🗵	The attached application, or	*
is directed to:	United States application or PCT international app filed on	
The above-identific	ed 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.
(hereinafter referre Midwest District o the entire right, tit	NCENT TECHNOLOGY (SHENZHEN) COMPAN' and to as "ASSIGNEE") having places of business at: of Hi-tech Park, Nanshan District, Shenzhen, Guangde the and interest in and to said invention and in and interest and its territorial possessions and in any and the said states and its territorial possessions and in any and the said states and its territorial possessions and in any and the said states and its territorial possessions and in any and the said states and its territorial possessions and in any and the said states are said states are said states and the said states are said states and the said states are said said states are said said said said said said said said	35/F. Tencent Building, Kejizhongyi Road, ong, 518057 China , is desirous of acquiring d to any Letters Patent that may be granted
acknowledged, and said ASSIGNEE, t and in all foreign o other relevant Inter interest in and to	FORE, in consideration of the sum of FIVE DOLI d for other good and valuable consideration, I, by the full and exclusive right to the said invention in the countries (including the right to claim priority under transitional Treaties and Arrangements from the afores any and all Letters Patent which may be granted then any and all foreign countries and in and to an enewals thereof.	nese presents do sell, assign and transfer unto the United States and its territorial possessions the terms of the International Convention and said application) and the entire right, title and therefor in the United States and its territorial
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.		
	wledge that any willful false statement made in this denment of not more than five (5) years, or both.	•
LEGAL NAME OF		
Inventor: Yu ZH	OU	Date:
Signature:	Yu zhou	

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

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 SINGLE ASSIGNEE

Title of	METHOD FOR PROCESSING FREQUENCY CONTROL SIGNAL OF QUELT	
Invention	AND SUPERCONDUCTING QUANTUM CHIP	
A. the halow name	ed inventor, I hereby declare that:	
This declaration &	The attached application, or	
	United States application or PCT international application number	
The above-identifi	ed 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, TE (hereinafter referm Midwest District of	NCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED ed to as "ASSIGNEE") having places of business at: 35/F. Tencent Building, Kejizhongyi Road, of Hi-tech Park, Nanshan District, Shenzhen, Guangdong, 518057 China, is desirous of acquiring itle and interest in and to said invention and in and to any Letters Patent that may be granted nited States and its territorial possessions and in any and all foreign countries;	
NOW, THERE acknowledged, an said ASSIGNEE, and in all foreign other relevant Into interest in and to possessions and substitutions and	SFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby and 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 countries (including the right to claim priority under the terms of the International Convention and ternational 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 in any and all foreign countries and in and to any and all divisions, reissues, continuations, 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 assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its assignment 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.		
Lhoroba; sekn	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 omnent of not more than five (5) years, or both.	
LEGAL NAME		
Inventor: Yaru	ii ZHENG Date: Jan.21,2022	
2.5.5.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.	Yanui Zheng	
Signature:		

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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Title of Invention	METHOD FOR PROCESSIN AND SUPERCONDUCTING	G FREQUENCY CONTROL SIGNAL OF QUBIT QUANTUM CHIP
As the below name	d inventor, I hereby declare that:	
This declaration 🗵	The attached application, or	***************************************
	United States application or PCT filed on	
The above-identifi	ed application was made or authoriz	ed to be made by me.
I believe that I am	the original inventor or an original j	oint inventor of a claimed invention in the application.
(hereinafter referred) Midwest District of the entire right, to therefore in the University	of Hi-tech Park. Nanshari District. St itle and interest in and to said invenited States and its territorial possess	es of business at: 35/F, Tencent Handing, Kenzhangyi Rusas, henzhen, Guangdong, 518057 China, is desirous of acquiring ention and in and to any Letters Patent that may be granted tions and in any and all foreign countries;
NOW, THERE acknowledged, an said ASSIGNEE, and in all foreign other relevant Interest in and to possessions and substitutions and	FORE, in consideration of the sur id for other good and valuable cons the full and exclusive right to the so countries (including the right to cla- ernational Treaties and Arrangemen any and all Letters Patent which to in any and all foreign countries to renewals thereof.	n of FIVE DOLLARS (\$5.00), the receipt whereof is hereby ideration, I, by these presents do sell, assign and transfer unto aid invention in the United States and its territorial possessions impriority under the terms of the International Convention and its from the aforesaid application) and the entire right, title and may be granted therefor in the United States and its territorial and in and to any and all divisions, reissues, continuations,
any and all forci assignce of my c (his) successors a entirely as the sar	gn countries to issue any and all of ntire right, title and interest in and t and assigns, to the full end of the to ne would have been held by me had	Officials in the United States and its territorial possessions and said Letters Patent, when granted, to said ASSIGNEE as the othe same, for the sole use and behoof of said ASSIGNEE, its orm for which said Letters Patent may be granted, as fully and this Assignment and sale not been made.
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I hereby acknoby fine or impris	owledge that any willful false statem onment of not more than five (5) yes	tent made in this declaration is punishable under 18 U.S.C. 1001 irs, or both.
LEGAL NAME	OF INVENTOR	
Inventor: Shen	gyu ZHANG	Date: Jan.21,2022
Signature:	"Shenggwithong	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 058783 FRAME: 0816

RECORDED: 01/26/2022