506398611 12/11/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIANSHI CHEN	03/09/2020
SHAOLI LIU	01/14/2020
ZAI WANG	02/02/2020
SHUAI HU	01/14/2020

RECEIVING PARTY DATA

Name:	SHANGHAI CAMBRICON INFORMATION TECHNOLOGY CO., LTD.
Street Address:	888, HUANHU XIER RD., XINCHENG, NANHUI
City:	PUDONG NEW AREA
State/Country:	CHINA
Postal Code:	200120

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17119193

CORRESPONDENCE DATA

Fax Number:

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: 2673932299

Email: docketing@pacificpatentgroup.com

Correspondent Name: GETECH LAW LLC

Address Line 1: 203 N LASALLE, SUITE 2100
Address Line 4: CHICAGO, ILLINOIS 60601

ATTORNEY DOCKET NUMBER:	81010-000109CON1
NAME OF SUBMITTER:	DANA JOHNSTON
SIGNATURE:	/Dana Johnston/
DATE SIGNED:	12/11/2020

Total Attachments: 4

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PATENT 506398611 REEL: 054617 FRAME: 0166

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PATENT REEL: 054617 FRAME: 0167

Title of Invention	INFORMATION PROCESSING METHOD AND TERMINAL DEVICE
As the below named i	nventor, I hereby declare that:
This declaration	The attached application, or
t.	United States application or PCT international application numbered 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, Shanghai Cambricon Information Technology Co., Ltd. (hereinafter referred to as "ASSIGNEE") located at: 888, Huanhu Xier Rd., Xincheng, Nanhui, Pudong New Area, SH, China 200120, 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 ONE DOLLAR (\$1.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors and assigns, 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, reexaminations or reissues, continuations or continuations-in-part, substitutions, and renewals thereof.	
and any and all foreig its successors and as use and behalf of said	and request the Patent Office Officials in the United States and its territorial possessions in countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE, signs, as the assignee of my entire right, title and interest in and to the same, for the sole ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters d, as fully and entirely as the same would have been held by me had this Assignment and
respecting said inver continuation or contin necessary assignmer successors and assig its successors and as	at I will communicate to said ASSIGNEE or its representatives any facts known to me ition, and testify in any legal proceeding, sign all lawful papers, execute all divisional, uation-in-part, substitute, renewal, and reexamination or reissue applications, execute all it papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, its ins, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, signs, to obtain and enforce proper protection for said invention in the United States and ons and in any and all foreign countries.
Further, I hereby authorize the Law Firm of Getech Law LLC to insert on this assignment any further identification which may be necessary or desirable by Patent Office Officials in the United States and its territorial possessions and any and all foreign countries in order to comply with the rules of said Patent Office Officials for recordation of this document.	
1001 by fine or impris	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. onment of not more than five (5) years, or both.
LEGAL NAME OF IN	
Inventor: <u>Tianshi CH</u> Signature:	EN Date: March 9, 2020
Cignorus	

Getech Law LLC 300 New Jersey Avenue NW, Suite 900

Washington, DC 20001

Title of Invention	INFORMATION PROCESSING METHOD AND TERMINAL DEVICE
As the below named	inventor, I hereby declare that:
This declaration D	The attached application, or
1	United States application or PCT international application numbered on
I believe that I am the WHEREAS, Shang "ASSIGNEE") located 200120, is desirous	application was made or authorized to be made by me. c original inventor or an original joint inventor of a claimed invention in the application. c original inventor or an original joint inventor of a claimed invention in the application. c original invention in the application. c of acquiring the entire right, title and interest in and to said invention and in and to any ay be granted therefore in the United States and its territorial possessions and in any ies;
acknowledged, and for transfer unto said AS the United States and under the terms of the from the aforesaid apmay be granted there	RE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt whereof is hereby or other good and valuable consideration, I, by these presents do hereby sell, assign and SSIGNEE, its successors and assigns, the full and exclusive right to the said invention in dist territorial possessions and in all foreign countries (including the right to claim priority ne International Convention and other relevant International Treaties and Arrangements oplication) and the entire right, title and interest in and to any and all Letters Patent which after in the United States and its territorial possessions and in any and all foreign countries and all divisions, reexaminations or reissues, continuations or continuations-in-part, newals thereof.
and any and all foreign its successors and as use and behalf of sain	and request the Patent Office Officials in the United States and its territorial possessions on countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE, ssigns, as the assignee of my entire right, title and interest in and to the same, for the sole d ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters ed, as fully and entirely as the same would have been held by me had this Assignment and
respecting said invel continuation or continuecessary assignmen successors and assignts successors and assignts	nat I will communicate to said ASSIGNEE or its representatives any facts known to me ntion, and testify in any legal proceeding, sign all lawful papers, execute all divisional, nuation-in-part, substitute, renewal, and reexamination or reissue applications, execute all nt papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, its gns, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, ssigns, to obtain and enforce proper protection for said invention in the United States and ions and in any and all foreign countries.
identification which m	authorize the Law Firm of Getech Law LLC to insert on this assignment any further ay be necessary or desirable by Patent Office Officials in the United States and its territorial and all foreign countries in order to comply with the rules of said Patent Office Officials for cument.
	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. sonment of not more than five (5) years, or both.
LEGAL NAME OF IN	VENTOR
Inventor: Shaoli LIU	Date: 1/14/2~70
Signature: Sho	101, 44

Getech Law LLC

300 New Jersey Avenue NW, Suite 900 Washington, DC 20001

> PATENT REEL: 054617 FRAME: 0169

Title of Invention	INFORMATION PROCESSING METHOD AND TERMINAL DEVICE
As the below named	nventor, I hereby declare that:
This declaration D	The attached application, or
is directed to:	United States application or PCT international application numbered on
I believe that I am the WHEREAS, <u>Shang</u> "ASSIGNEE") located 200120, is desirous	application was made or authorized to be made by me. coriginal inventor or an original joint inventor of a claimed invention in the application. hai Cambricon Information Technology Co., Ltd. (hereinafter referred to as lat: 888, Huanhu Xier Rd., Xincheng, Nanhui, Pudong New Area, SH, China of acquiring the entire right, title and interest in and to said invention and in and to any be granted therefore in the United States and its territorial possessions and in any les;
acknowledged, and for transfer unto said AS the United States and under the terms of the from the aforesaid ap may be granted there	RE, in consideration of the sum of ONE DOLLAR (\$1.00), the receipt whereof is hereby or other good and valuable consideration, I, by these presents do hereby sell, assign and SIGNEE, its successors and assigns, the full and exclusive right to the said invention in the its territorial possessions and in all foreign countries (including the right to claim priority the International Convention and other relevant International Treaties and Arrangements oplication) and the entire right, title and interest in and to any and all Letters Patent which for in the United States and its territorial possessions and in any and all foreign countries and all divisions, reexaminations or reissues, continuations or continuations-in-part, ewals thereof.
and any and all foreig its successors and as use and behalf of said	and request the Patent Office Officials in the United States and its territorial possessions in countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE, signs, as the assignee of my entire right, title and interest in and to the same, for the sole d ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters d, as fully and entirely as the same would have been held by me had this Assignment and
respecting said inver continuation or contin necessary assignmer successors and assig its successors and as	that I will communicate to said ASSIGNEE or its representatives any facts known to me nation, and testify in any legal proceeding, sign all lawful papers, execute all divisional, muation-in-part, substitute, renewal, and reexamination or reissue applications, execute all nat papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, its ins, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, signs, to obtain and enforce proper protection for said invention in the United States and one and in any and all foreign countries.
Further, I hereby authorize the Law Firm of Getech Law LLC to insert on this assignment any further identification which may be necessary or desirable by Patent Office Officials in the United States and its territorial possessions and any and all foreign countries in order to comply with the rules of said Patent Office Officials for recordation of this document.	
1001 by fine or impris	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. onment of not more than five (5) years, or both.
LEGAL NAME OF IN	VENTOR
Inventor: Zai WANG	
Signature: 704 W	ind

Getech Law LLC 300 New Jersey Avenue NW, Suite 900 Washington, DC 20001

> PATENT REEL: 054617 FRAME: 0170

Title of Invention	INFORMATION PROCESSING METHOD AND TERMINAL DEVICE
As the below named i	nventor, I hereby declare that:
This declaration	The attached application, or
	United States application or PCT international application numbered 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, Shanghai Cambricon Information Technology Co., Ltd. (hereinafter referred to as "ASSIGNEE") located at: 888. Huanhu Xier Rd., Xincheng, Nanhui, Pudong New Area, SH, China 200120, 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 ONE DOLLAR (\$1.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors and assigns, 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, reexaminations or reissues, continuations or continuations-in-part, substitutions, and renewals thereof.	
and any and all foreig its successors and as use and behalf of said	and request the Patent Office Officials in the United States and its territorial possessions in countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE, signs, as the assignee of my entire right, title and interest in and to the same, for the sole ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters d, as fully and entirely as the same would have been held by me had this Assignment and
respecting said invention continuation or cont	at I will communicate to said ASSIGNEE or its representatives any facts known to me tion, and testify in any legal proceeding, sign all lawful papers, execute all divisional, uation-in-part, substitute, renewal, and reexamination or reissue applications, execute all it papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, its ns, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, signs, to obtain and enforce proper protection for said invention in the United States and ons and in any and all foreign countries.
identification which ma	authorize the Law Firm of Getech Law LLC to insert on this assignment any further ay be necessary or desirable by Patent Office Officials in the United States and its territorial and all foreign countries in order to comply with the rules of said Patent Office Officials for cument.
1001 by fine or impris	lge that any willful false statement made in this declaration is punishable under 18 U.S.C. onment of not more than five (5) years, or both.
LEGAL NAME OF IN	
Inventor: Shuai HU	Date: Jan 14, 2020
Signature:	uui M

Getech Law LLC

300 New Jersey Avenue NW, Suite 900 Washington, DC 20001

> PATENT REEL: 054617 FRAME: 0171

RECORDED: 12/11/2020