

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5389649

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
SHAOLI LIU	12/10/2018
YIMIN ZHUANG	12/10/2018
QI GUO	12/10/2018
TIANSHI CHEN	12/10/2018
XIAOBING CHEN	12/10/2018
TIAN ZHI	12/10/2018
ZIDONG DU	12/10/2018
YIFAN HAO	12/10/2018
ZAI WANG	12/10/2018
WEI LI	12/10/2018
LEI ZHANG	12/10/2018
SHUAI HU	12/10/2018

**RECEIVING PARTY DATA**

<b>Name:</b>	SHANGHAI CAMBRICON INFORMATION TECHNOLOGY CO., LTD
<b>Street Address:</b>	NO. 888, HUANHU XIER RD., XINCHENG
<b>Internal Address:</b>	NANHUI, PUDONG NEW AREA
<b>City:</b>	SHANGHAI
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	200120

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16283711

**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: jun.ye@getechlaw.com

Correspondent Name: GETECH LAW LLC

Address Line 1: 203 N LASALLE, SUITE 2100

**PATENT**

**Address Line 4:** CHICAGO, ILLINOIS 60601

**ATTORNEY DOCKET NUMBER:** 81010-000078

**NAME OF SUBMITTER:** HOLLI L. TEMPLETON

**SIGNATURE:** /Holli L. Templeton/

**DATE SIGNED:** 02/22/2019

**Total Attachments: 12**

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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**

<b>Title of Invention</b>	OPERATION APPARATUS AND METHOD
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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, Shanghai Cambricon Information Technology Co., Ltd (hereinafter referred to as "ASSIGNEE") located at: Floor 6, Block B, No.168 Tonghui Road, Pudong New Area, Shanghai, 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 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.

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, its successors and assigns, as the assignee of my entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its 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 representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation or continuation-in-part, substitute, renewal, and reexamination or reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, its successors and assigns, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its 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.

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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: Shaoli Liu Date: Dec. 10, 2018

Signature: Shaoli Liu

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

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<p>LEGAL NAME OF INVENTOR</p> <p>Inventor: Yimin Zhuang <span style="float: right;">Date: <u>Dec. 10, 2018</u></span></p> <p>Signature: <u>Yimin Zhuang</u></p>	

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<p>LEGAL NAME OF INVENTOR</p> <p>Inventor: Qi Guo <span style="float: right;">Date: <u>Dec. 10, 2018</u></span></p> <p>Signature: <u>Qi Guo</u></p>	

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<p>LEGAL NAME OF INVENTOR</p> <p>Inventor: Tianshi Chen <span style="float: right;">Date: <u>Dec. 10, 2018</u></span></p> <p>Signature: <u>Tianshi Chen</u></p>	

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<p>LEGAL NAME OF INVENTOR</p> <p>Inventor: Xiaobing Chen <span style="float: right;">Date: <u>Dec. 12, 2018</u></span></p> <p>Signature: <u>Xiaobing Chen</u></p>	

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<p>LEGAL NAME OF INVENTOR</p> <p>Inventor: Tian Zhi <span style="float: right;">Date: <u>Dec. 10, 2018</u></span></p> <p>Signature: <u>Tian Zhi</u></p>	

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LEGAL NAME OF INVENTOR

Inventor: Zidong Du Date: Dec. 10, 2018

Signature: Zidong Du

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<b>LEGAL NAME OF INVENTOR</b>	
Inventor: Yifan Hao	Date: <u>Dec. 10. 2018</u>
Signature: <u>Yifan Hao</u>	

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

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<p>LEGAL NAME OF INVENTOR</p> <p>Inventor: Zai Wang <span style="float: right;">Date: <u>Dec. 10. 2018</u></span></p> <p>Signature: <u>Wang Zai</u></p>	

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<p>LEGAL NAME OF INVENTOR</p> <p>Inventor: Wei Li <span style="float: right;">Date: <u>Dec. 10, 2018</u></span></p> <p>Signature: <u>Wei Li</u></p>	

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<b>LEGAL NAME OF INVENTOR</b>	
Inventor: Lei Zhang	Date: <u>Dec. 10, 2018</u>
Signature: <u>Lei Zhang</u>	

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<p>LEGAL NAME OF INVENTOR</p> <p>Inventor: Shuai Hu <span style="float: right;">Date: <u>Dec. 10, 2018</u></span></p> <p>Signature: <u>Shuai Hu</u></p>	

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**PATENT**