

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5600421

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YUNJI CHEN	12/10/2018
XIAOBING CHEN	12/10/2018
SHAOLI LIU	12/10/2018
TIANSHI CHEN	12/10/2018
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:	16459549
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	2673932299
Email:	jun.ye@getechlaw.com
Correspondent Name:	GETECH LAW LLC
Address Line 1:	203 N LASALLE, SUITE 2100
Address Line 4:	CHICAGO, ILLINOIS 60601
ATTORNEY DOCKET NUMBER:	81010-000071
NAME OF SUBMITTER:	NOEMI TOVAR
SIGNATURE:	/Noemi Tovar/
DATE SIGNED:	07/01/2019
Total Attachments: 4	
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20160372 US

Date: Dec. 12, 2018

PATENT
REEL: 049647 FRAME: 0727

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 Invention	APPARATUS FOR EXECUTING LSTM NEURAL NETWORK OPERATION, AND OPERATIONAL METHOD
As the below named inventor, I hereby declare that:	
This declaration	<input checked="checked" type="checkbox"/> The attached application, or
is directed to:	<input type="checkbox"/> 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, <u>Shanghai Cambricon Information Technology Co., Ltd</u> (hereinafter referred to as "ASSIGNEE") located at: <u>Floor 6, Block B, No.168 Tonghui Road, Pudong New Area, Shanghai, China</u> , 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.	
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.	
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: Xiaobing Chen	Date: <u>Dec 12 2018</u>
Signature: <u>Xiaobing Chen</u>	

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

PATENT
REEL: 049647 FRAME: 0728

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

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This declaration <input checked="" type="checkbox"/> The attached application, or	
is directed to: <input type="checkbox"/> 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.	
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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.	
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.	
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: <u>Dec 10, 2018</u>
Signature: <u>Shaoli Liu</u>	

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

PATENT
REEL: 049647 FRAME: 0729

**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 Invention	APPARATUS FOR EXECUTING LSTM NEURAL NETWORK OPERATION, AND OPERATIONAL METHOD
As the below named inventor, I hereby declare that:	
This declaration <input checked="" type="checkbox"/> The attached application, or	
is directed to: <input type="checkbox"/> United States application or PCT international application number _____ filed on _____	
<p>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.</p> <p>WHEREAS, <u>Shanghai Cambricon Information Technology Co., Ltd</u> (hereinafter referred to as "ASSIGNEE") located at: <u>Floor 6, Block B, No.168 Tonghui Road, Pudong New Area, Shanghai, China</u>, 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;</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>	
LEGAL NAME OF INVENTOR	
Inventor: Tianshi Chen	Date: <u>Dec. 10, 2018</u>
Signature: <u>Tianshi Chen</u>	

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