505195904 11/17/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5242673

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUWEI HU	04/27/2018
JIANGMING JIN	04/27/2018
LEISU	04/27/2018
DINGHUA LI	04/27/2018

RECEIVING PARTY DATA

Name:	TUSIMPLE
Street Address:	9191 TOWNE CENTRE DR.
Internal Address:	SUITE 600
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92122

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16014869

CORRESPONDENCE DATA

Fax Number: (916)404-5569

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: 4084064855
Email: mail@inventive

Email: mail@inventive.law **Correspondent Name:** INVENTIVE LAW INC.

Address Line 1: 11768 ATWOOD ROAD #214
Address Line 4: AUBURN, CALIFORNIA 95603

ATTORNEY DOCKET NUMBER:	TUS-CN039F-US
NAME OF SUBMITTER:	JIM H. SALTER
SIGNATURE:	/jim h salter, Reg. #35668/
DATE SIGNED:	11/17/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

PATENT REEL: 047534 FRAME: 0436

505195904

source=TuS-CN039F-US_Inv_Dec_Assns_06-21-18_filed#page1.tif source=TuS-CN039F-US_Inv_Dec_Assns_06-21-18_filed#page2.tif source=TuS-CN039F-US_Inv_Dec_Assns_06-21-18_filed#page3.tif source=TuS-CN039F-US_Inv_Dec_Assns_06-21-18_filed#page4.tif

> PATENT REEL: 047534 FRAME: 0437

Title of Invention	METHOD AND DEVICE FOR OPTIMIZING NEURAL NETWORK				
Docket Number					
As the below nan	As the below named inventor, I hereby declare that:				
This declaration	The attached patent application, or				
is directed to:	United States patent application or PCT international application number:				
	filed on(I hereby authorize and request any attorney having appropriate authority from the assignce to insert on the designated lines above, the filing date and application number of said application when known.)				
The above-identit	fied application was made or authorized to be made by me.				
	the original inventor or an original joint inventor of a claimed invention in the application.				
	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of not more than five (5) years, or both.				
Centre Dr., Suite	AS, TUSIMPLE (hereinafter referred to as "ASSIGNEE") having a place of business at: 9191 Towne 600, San Diego, CA 92122, desires to acquire the entire right, title and interest in said invention and the United States patent application:				
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, reexaminations, designs, extensions, and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries;					
I hereby assign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties;					
I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and on behalf of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted;					
I hereby warrant and represent that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned; and					
Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal, reexamination, design, extension, and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.					
LEGAL NAME OF INVENTOR					
Inventor:	Yuwei HU Date: Zo(S/O4/2)				
gnature:	Ynler Ha				

INVENTIVE PATENT LAW P.C.

2280 East Bidwell St. #214, Folsom, CA 95630 US

(408) 406-4855

PATENT

REEL: 047534 FRAME: 0438

Title of Invention		METHOD AND DEVICE I	OR OPTIMIZING NEURA	AL NETWORK
Docket Number				
As the below nam	red inv	entor, I hereby declare that:		
This declaration	\boxtimes	The attached patent application,	or	
is directed to:		United States patent application	or PCT international applicati	ion number:
		*		and request any attorney having appropriate filing date and application number of said
The above-identit	fied ap	plication was made or authorized	to be made by me.	
		riginal inventor or an original joi		
		nat any willful false statement m more than five (5) years, or both.		shable under 18 U.S.C. 1001 by fine
Centre Dr., Suite	600, S	JSIMPLE (hereinafter referred to an Diego, CA 92122, desires to States patent application;	o as "ASSIGNEE") having a acquire the entire right, title a	place of business at: 9191 Towne and interest in said invention and the
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, reexaminations, designs, extensions, and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries;				
I hereby own name and the	he rigt	to the ASSIGNEE the right to into claim priority to the above- on and any other relevant treaties	identified United States paten	gn countries on said invention in its it application under the terms of the
I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and on behalf of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted;				
I hereby warrant and represent that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned; and				
Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal, reexamination, design, extension, and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.				
LEGAL NAME	OF IN	VENTOR		
Inventor:		Jiangming JIN	Date:	2018.04.27
Signature:		Joaquita Jim		

INVENTIVE PATENT LAW P.C.

2280 East Bidwell St. #214, Folsom, CA 95630 US

(408) 406-4855

PATENT

REEL: 047534 FRAME: 0439

Title of Invention	Ŋ	AETHOD AND DEV	7ICE FOR OP	TIMIZING N	EURALN	IETWORK
Docket		·				
Number	<u> </u>		. ik as.			
		entor, I hereby declare				
This declaration	\boxtimes	The attached patent a		a a w	- 4 - 1,784 1175	Control of the Control
is directed to:		United States patent	application or F	'CT internation	al applicati	ion number:
		application when known.	}			and request any attorney having appropriate filing date and application number of said
The above-ident	ified ar	plication was made or	authorized to l	e made by me		
	. 28	Linear Commencer me and	selvinal ionat m	ventor of a cla	mea niven	tion in the application.
I hereby acknow	ledge i	hat any willful false s	tatement made	in this declarat	ion is puin	Straine titues to Date, 1001 of the
WHERE Centre Dr., Suit	WHEREAS, TUSIMPLE (hereinafter referred to as "ASSIGNEE") having a place of business at: 9191 Towne Centre Dr., Suite 600, San Diego, CA 92122, desires to acquire the entire right, title and interest in said invention and the					and division in the same
above-identified United States patent application; NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in						
countries; I hereby assign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the						
International Convention and any other relevant treaties; I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and on behalf of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted;						
I hereby warrant and represent that no assignment, grant, mortgage, needed, or other agreement assessing to rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as						
Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal, reexamination, design, extension, and reissue applications, execute all necessary continuation-in-part, substitute, renewal, reexamination, design, extension, and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Leiters Patent for said invention in the United States and foreign countries.						
LEGAL NAM			***************************************			ميده ال
Inventor:	, paris - Pi	Lei SU			Date:	2018/4/27
Signature:		Lei Su_				

INVENTIVE PATENT LAW P.C.

2280 East Bidwell St. #214, Folsom, CA 95630 US

(408) 406-4855

PATENT

REEL: 047534 FRAME: 0440

Title of Invention	METHOD AND DEVICE FOR OPTIMIZING NEURAL NETWORK				
Docket Number					
As the below named inventor, I hereby declare that:					
This declaration	The attached patent application, or				
is directed to:	United States patent application or PCT international application number:				
	filed on(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines above, the filing date and application number of said application when known.)				
The above-identi	ied application was made or authorized to be made by me.				
I believe that I an	the original inventor or an original joint inventor of a claimed invention in the application.				
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.					
Centre Dr., Suite above-identified	AS, TUSIMPLE (hereinafter referred to as "ASSIGNEE") having a place of business at: 9191 Towne 600, San Diego, CA 92122, desires to acquire the entire right, title and interest in said invention and the United States patent application;				
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, reexaminations, designs, extensions, and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries;					
own name and t International Co	I hereby assign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties;				
I hereby foreign countrie interest in and representatives.	I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my emire right, title and interest in and to the same, for the sole use and on behalf of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted;				
I hereby warrant and represent that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned; and					
Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal, reexamination, design, extension, and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.					
LEGAL NAME	OF INVENTOR				
Inventor:	Dinghua LI Date: 2s 18/4/1)				
Signature:	Dinghua II				

INVENTIVE PATENT LAW P.C.

2280 East Bidwell St. #214, Folsom, CA 95630 US

(408) 406-4855

RECORDED: 11/17/2018

PATENT REEL: 047534 FRAME: 0441