506221366 08/26/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAU-CHUNG FRANK CHANG	07/28/2020
YUAN DU	06/13/2020
LI DU	05/29/2020

RECEIVING PARTY DATA

Name:	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	
Street Address:	1111 FRANKLIN STREET	
Internal Address:	TWELFTH FLOOR	
City:	OAKLAND	
State/Country:	CALIFORNIA	
Postal Code:	94607-5200	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16876063

CORRESPONDENCE DATA

Fax Number: (916)498-1074

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: 916-498-1010

Email:sek@intellectual.comCorrespondent Name:STEVEN E KENNEDYAddress Line 1:400 CAPITOL MALL

Address Line 2: SUITE 1550

Address Line 4: SACRAMENTO, CALIFORNIA 95814

ATTORNEY DOCKET NUMBER:	UC-2018-003-2-LA-US
NAME OF SUBMITTER:	STEVEN KENNEDY
SIGNATURE:	/STEVEN KENNEDY/
DATE SIGNED:	08/26/2020

Total Attachments: 3

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PATENT 506221366 REEL: 053600 FRAME: 0119

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PATENT REEL: 053600 FRAME: 0120

ASSIGNMENT

UC. Case No. UC-2018-003-2-LA-US

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

MAU-CHUNG FRANK CHANG, YUAN DU, LI DU

O'BANION & RITCHEY LLP

hereby sells, assigns and transfers to ASSIGNEE. The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

MEMRISTIVE NEURAL NETWORK COMPUTING ENGINE USING CMOS-COMPATIBLE CHARGE-TRAP-TRANSISTOR (CTT)

and which is found in		
U.S. Patent Application Serial No. 16/876,063, filed on		
and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;		
ASSIGNOR(S) hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;		
ASSIGNOR(S) further agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.		
	immissioner of Patents and Trademarks to issue said Letters Patent of the United States and SSIGNEE, The Regents of the University of California.	
executed this	Signature of Inventor(s)	
	MAU-CHUNG FRANK CHANG	
day of, 202	20 YUAN DU	
day of, 202	LI DU	
Hereby accepted on behalf of the Assigne	ne: Date: \$\frac{7}{25}\frac{2020}{2020}	
Name: Steven Kennedy	anningtudining plantining	
t and the contract of the cont		

PATENT REEL: 053600 FRAME: 0121

ASSIGNMENT

Name:

Steven Kennedy

O'BANION & RITCHEY LLP

UC. Case No. UC-2018-003-2-LA-US

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

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and which is found in	
X	063, filed on
obtained for said invention by the above application	y, including the right to claim priority and, in and to, all Letters Patent to be or any continuation, division, continuation-in-part, extension, conversion to 35, reexamination or extension of said Letters Patent and all rights under all trial Property;
<u>ASSIGNOR(S)</u> hereby agrees that no assignment, sa would conflict with this assignment;	le, agreement or encumbrance has been or will be made or entered into which
relating to said invention and said Letters Patent and testify as to the same in any interference, post grant promptly execute and deliver to ASSIGNEE or its leg for, obtain, maintain, issue or enforce said application be necessary or desirable to carry out the purposes the this assignment to insert into this assignment the filing	upon its request, be provided promptly with all pertinent facts and documents d legal equivalents as may be known and accessible to ASSIGNOR and will review, inter partes review, litigation, or proceeding relating thereto and will gal representative any and all papers, instruments or affidavits required to apply a said invention and said Letters Patent and said equivalents thereof which may be be be a stormer of record is authorized and requested by the execution of g date and serial number of said application when officially known. of Patents and Trademarks to issue said Letters Patent of the United States and
any reissue or extension thereof to the ASSIGNEE, T	
executed this	Signature of Inventor(s)
day of	MAU-CHUNG FRANK CHANG
13th day of, 2020	Yww S YUAN DU
day of	LIDU
Hereby accepted on behalf of the Assignee:	
By:	Date: 7/25/2020

PATENT REEL: 053600 FRAME: 0122

ASSIGNMENT

and which is found in

UC. Case No. UC-2018-003-2-LA-US

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

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MEMRISTIVE NEURAL NETWORK COMPUTING ENGINE USING CMOS-COMPATIBLE CHARGE-TRAP-TRANSISTOR (CTT)

X U.S. Patent Ap	plication Serial No. 16/876	.063, filed on
obtained for said inventiou USC 111(a) or substitute	n by the above application	ry, including the right to claim priority and, in and to, all Letters Patent to be or any continuation, division, continuation-in-part, extension, conversion to 35 , reexamination or extension of said Letters Patent and all rights under all trial Property;
ASSIGNOR(S) hereby as would conflict with this a		de, agreement or encumbrance has been or will be made or entered into which
relating to said invention testify as to the same in a promptly execute and deli- for, obtain, maintain, issue be necessary or desirable this assignment to insert in AND the <u>ASSIGNOR(S)</u>	and said Letters Patent an any interference, post grant iver to ASSIGNEE or its le e or enforce said application to carry out the purposes to all this assignment the filin requests the Commissioner	upon its request, be provided promptly with all pertinent facts and documents at legal equivalents as may be known and accessible to ASSIGNOR and will treview, inter partes review, litigation, or proceeding relating thereto and will gal representative any and all papers, instruments or affidavits required to apply a said invention and said Letters Patent and said equivalents thereof which may hereof. An attorney of record is authorized and requested by the execution of g date and serial number of said application when officially known. Of Patents and Trademarks to issue said Letters Patent of the United States and
any reissue or extension the executed this	rereof to the ASSIGNEE, T	The Regents of the University of California. Signature of Inventor(s)
day of	, 2626	MAU-CHUNG FRANK CHANG
day of		YUAN DU
29 day of Ma	У , 2020	Li Du
		LLDU
Hereby accepted on behal	f of the Assignee:	Date: 7/25/2020
By white you	and the second	Date: 0 / 0 - 1 0 0 0 0 0

PATENT REEL: 053600 FRAME: 0123

RECORDED: 08/26/2020

Name:

Steven Kennedy

O'BANION & RITCHEY LLP