

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5226277

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KESHENG WU	11/06/2018
ALEX SIM	11/06/2018
JONATHAN WANG	11/06/2018
SEONGWOOK HWANGBO	11/07/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
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<b>Internal Address:</b>	12TH FLOOR
<b>City:</b>	OAKLAND
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94607-5200
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16182519
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	2017-111-02_LBNLP005
<b>NAME OF SUBMITTER:</b>	NIRAV THAKOR
<b>SIGNATURE:</b>	/Nirav Thakor, Reg. No. 72,213/
<b>DATE SIGNED:</b>	11/07/2018
<b>Total Attachments: 4</b>	

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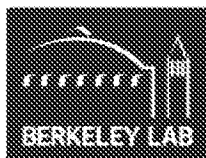
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**PATENT**

**REEL: 047436 FRAME: 0950**

**ASSIGNMENT**

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

<b>Kesheng Wu</b>	Residing at	<b>728 Sutter Ave. Palo Alto, CA 94303</b>
<b>Alex Sim</b>	Residing at	<b>3509 Sleeping Meadow Way San Ramon, CA 94582</b>
<b>Jonathan Wang</b>	Residing at	<b>3310 Willet Place Fremont, CA 94555</b>
<b>Seongwook Hwangbo</b>	Residing at	<b>16, Gwangok-ro Giheung-gu, Gy, South Korea Yongin-si, Gyeonggi-do 16964</b>

hereby sell(s), assign(s) and transfer(s) to ASSIGNEE, The Regents of The University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, 12<sup>TH</sup> 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:

**TITLE: METHODS, SYSTEMS, AND DEVICES FOR ACCURATE SIGNAL TIMING OF  
POWER COMPONENT EVENTS**

and which is found in U.S. patent application serial no. \_\_\_\_\_ 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 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 parties 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 necessary or desirable to carry out the purposes thereof. Any 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.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of The University of California.



## ASSIGNMENT

Executed this:

6<sup>th</sup> day of Nov, 2018

Signature of Inventor:

*Kesheng Wu*  
Kesheng Wu

Executed this:

6<sup>th</sup> day of Nov, 2018

Signature of Inventor:

*Alex Sam*  
Alex Sam

Executed this:

\_\_\_\_ day of \_\_\_\_\_, 2018

Signature of Inventor:

Jonathan Wang

Executed this:

\_\_\_\_ day of \_\_\_\_\_, 2018

Signature of Inventor:

Seongwook Hwangbo

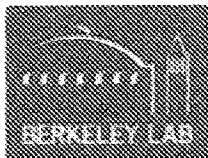
Hereby Accepted on behalf of  
The Regents of the University of California

Signature \_\_\_\_\_

Name \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

**ASSIGNMENT**

Executed this:

Signature of Inventor:

\_\_\_\_ day of \_\_\_\_\_, 2018

Kesheng Wu

Executed this:

Signature of Inventor:

\_\_\_\_ day of \_\_\_\_\_, 2018

Alex Sim

Executed this:

Signature of Inventor:

6<sup>th</sup> day of November, 2018Jonathan Wang  
Jonathan Wang

Executed this:

Signature of Inventor:

\_\_\_\_ day of \_\_\_\_\_, 2018

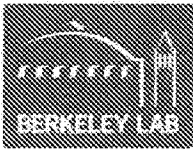
Seongwook HwangboHereby Accepted on behalf of  
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Signature \_\_\_\_\_

Name \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_



## ASSIGNMENT

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Signature of Inventor:

\_\_\_\_\_ day of \_\_\_\_\_, 2018

\_\_\_\_\_ **Kesheng Wu**

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\_\_\_\_\_ day of \_\_\_\_\_, 2018

\_\_\_\_\_ **Alex Sim**

Executed this:

Signature of Inventor:

\_\_\_\_\_ day of \_\_\_\_\_, 2018

\_\_\_\_\_ **Jonathan Wang**

Executed this:

Signature of Inventor:

7<sup>th</sup> day of November, 2018

\_\_\_\_\_ **Seongwook Hwangbo**

Hereby Accepted on behalf of  
The Regents of the University of California

Signature \_\_\_\_\_

Name \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_