

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5818902

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZHAOYIN D. WU	11/07/2019
PARAG UPADHYAYA	11/11/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	XILINX, INC.
<b>Street Address:</b>	2100 LOGIC DRIVE
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95124
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16682806
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)371-4613
<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>	
<b>Phone:</b>	4088796539
<b>Email:</b>	nsavoca@pattersonsheridan.com, psdocketing@pattersonsheridan.com
<b>Correspondent Name:</b>	XILINX, INC.
<b>Address Line 1:</b>	2100 LOGIC DRIVE
<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95124
<b>ATTORNEY DOCKET NUMBER:</b>	X-5880 US
<b>NAME OF SUBMITTER:</b>	KEITH TABOADA
<b>SIGNATURE:</b>	/Keith Taboada/
<b>DATE SIGNED:</b>	11/13/2019
<b>Total Attachments: 2</b>	
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source=X_5880_US_Assign_efiled#page2.tif	

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I/we

Zhaoyin D. Wu of 7096 Coronado Dr., San Jose, CA 95129  
Parag Upadhyaya of 162 Wedgewood Ave, Los Gatos, CA 95032

hereby sell, assign and transfer to **Xilinx, Inc., a Delaware corporation**, having a place of business at 2100 Logic Drive, San Jose, California 95124, its successors and assigns, the entire right, title and interest throughout the world in my/our invention

CONTINUOUS TIME LINEAR EQUALIZATION (CTLE) ADAPTATION ALGORITHM  
ENABLING BAUD-RATE CLOCK DATA RECOVERY(CDR) LOCKED TO CENTER OF  
EYE

for which I/we will execute a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I/we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me/us; I/we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at its request and expense, in obtaining and enforcing patents for said invention in all countries; and I/we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed on Nov 7<sup>th</sup> 2019

Zhaoyin Daniel Wu  
Zhaoyin Daniel Wu

*A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.*

State of California     )  
County of Santa Clara   )

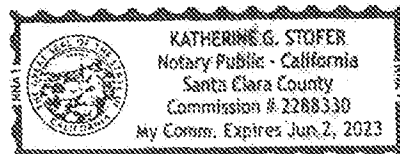
CAPACITY CLAIMED BY SIGNER  
(X) individual signing for oneself

On November 7, 2019, before me, Katherine G. Stofen, Notary Public, personally appeared Zhaoyin D. Wu, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Katherine G. Stofen  
Signature of Notary Public



Executed on 11/11/19

Parag Upadhyaya  
Parag Upadhyaya

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
(X) individual signing for oneself

On November 11, 2019, before me, Jessica Lawrence, Notary Public, personally appeared Parag Upadhyaya, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Jessica Lawrence  
Signature of Notary Public

