

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3431547

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YU XU	06/08/2015
YOHAN FRANS	07/08/2015
KUN-YUNG CHANG	06/11/2015
<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>	14795150
<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>	408-879-5216
<b>Email:</b>	xilinxipl@xilinx.com
<b>Correspondent Name:</b>	XILINX, INC.
<b>Address Line 1:</b>	2100 LOGIC DRIVE
<b>Address Line 2:</b>	ATTN: LEGAL DEPT.
<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95124
<b>ATTORNEY DOCKET NUMBER:</b>	X-4620 US
<b>NAME OF SUBMITTER:</b>	SUSAN WIENS
<b>SIGNATURE:</b>	/susan wiens/
<b>DATE SIGNED:</b>	07/09/2015
<b>Total Attachments: 2</b>	
source=X_4620_US_Assign_efiled#page1.tif	
source=X_4620_US_Assign_efiled#page2.tif	

ASSIGNMENT

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


Yu Xu of 4149 Willmar Drive, Palo Alto, CA 94306  
Yohan Frans of 3561 Middlefield Road, Palo Alto, CA 94306  
Kun-Yung Chang of 25627 Elena Road, Los Altos Hills, CA 94022

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

CLOCK RECOVERY CIRCUIT

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 6/8/2015

  
\_\_\_\_\_  
Yu Xu

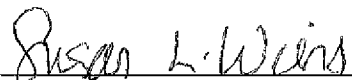
State of California )  
County of Santa Clara )

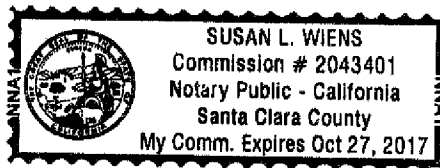
CAPACITY CLAIMED BY SIGNER  
 individual signing for oneself

On June 8, 2015, before me, Susan L. Wiens, Notary Public, personally appeared Yu Xu, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

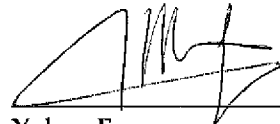
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

  
\_\_\_\_\_  
Signature of Notary Public



Executed on 7/8/2015  
YF

  
Yohan Frans

State of California )  
County of Santa Clara )

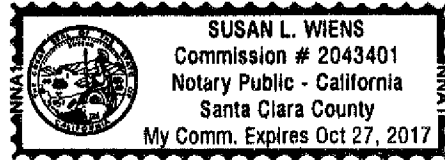
CAPACITY CLAIMED BY SIGNER  
(X) individual signing for oneself

On July 8, 2015, before me, Susan L. Wiens, Notary Public, personally appeared Yohan Frans, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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.

Susan L. Wiens  
Signature of Notary Public



Executed on 6/11/2015

  
Kun-Yung Chang

State of California )  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
(X) individual signing for oneself

On June 11, 2015, before me, Susan L. Wiens, Notary Public, personally appeared Kun-Yung Chang, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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.

Susan L. Wiens  
Signature of Notary Public

