504143772 12/13/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4183618

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
WINSON LIN	12/06/2016			
HONGTAO ZHANG			12/01/2016	
YU XU			12/12/2016	
GEOFFREY ZHANG			12/05/2016	
RECEIVING PARTY DA	ТА			
Name:	XILINX,	INC.		
Street Address:	2100 LC	GIC DRIVE		
City:	SAN JO	SE		
State/Country:	CALIFO	CALIFORNIA		
Postal Code:	95124			
Property Type				
	1	5377780	_	
Property Type Application Number:	1	Number 5377780		
Application Number:				
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PATENT REEL: 040727 FRAME: 0456

ASSIGNMENT

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

Winson Lin	of	6748 Mission Street, Daly City, CA 94014
Hongtao Zhang	of	4945 Alex Drive, San Jose, CA 95130
Yu Xu	of	4149 Wilmar Drive, Palo Alto, CA 94306
Geoffrey Zhang	of	5943 Garlough Drive, San Jose, CA 95123

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

PAM MULTI-LEVEL ERROR DISTRIBUTION SIGNATURE CAPTURE

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 assignee, its successors and assignee, its successors and assignee, its successors 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 assignee, its successors and assignee.

Executed on _____ 12/06/2016

Winson Lin

State of <u>California</u>)

County of Santa Clara)

CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself

On <u>Devented</u>, b, 2016, before me, Susan L. Wiens, Notary Public, personally appeared <u>Winson Lin</u>, 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



PATENT REEL: 040727 FRAME: 0457 Signed in Counterpart

Docket No. X-5003 US

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	et sur	and the second s	and the second second

Hongtao Zhang

State of <u>California</u>)

County of Santa Clara)

CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself

On <u>December</u> 1, 2016, before me, Susan L. Wiens, Notary Public, personally appeared <u>Hongtao Zhang</u>, 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 12/12/2016

State of <u>California</u>)

County of Santa Clara)

Commission # 2043401 Notary Public - California Santa Clara County My Comm. Expires Oct 27, 2017

SUSAN L. WIENS

Yu Xu

CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself

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



PATENT REEL: 040727 FRAME: 0458

Executed on 12/05/2016

Geoffrey Zhang

State of California)

County of <u>Santa Clara</u>)

CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself

On <u>Declade 6</u>, 2016, before me, Susan L. Wiens, Notary Public, personally appeared <u>Geoffrey Zhang</u>, 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

