

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5432502

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZAO LIU	03/14/2019
YANG LIU	03/11/2019
ZHAOYIN D. WU	03/08/2019
GEOFFREY ZHANG	03/08/2019
YU XU	03/13/2019
ALAN C. WONG	03/11/2019
RECEIVING PARTY DATA	
Name:	XILINX, INC.
Street Address:	2100 LOGIC DRIVE
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95124
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16359921
CORRESPONDENCE DATA	
Fax Number:	(408)377-6137
<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>	
Phone:	408-879-4185
Email:	xilinxipl@xilinx.com
Correspondent Name:	XILINX, INC ATTN: LEGAL DEPARTMENT
Address Line 1:	2100 LOGIC DR
Address Line 4:	SAN JOSE, CALIFORNIA 95124
ATTORNEY DOCKET NUMBER:	X-5581 US
NAME OF SUBMITTER:	KATHERINE STOFER
SIGNATURE:	/Katherine Stofer/
DATE SIGNED:	03/20/2019
Total Attachments: 4	

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ASSIGNMENT

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

Zao Liu of 2250 Monroe Street, No. 332, Santa Clara, CA 95050
Yang Liu of 638 Obsidian Drive, San Jose, CA 95133
Zhaoyin D. Wu of 7096 Coronado Drive, San Jose, CA 95129
Geoffrey Zhang of 5943 Garlough Drive, San Jose, CA 95123
Yu Xu of 4149 Willmar Drive, Palo Alto, CA 94306
Alan C. Wong of 1911 Sycamore Creek, San Jose, CA 95120

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

AN ADAPTIVE METHOD TO REDUCE TRAINING TIME OF RECEIVERS

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 03/14/2019.

Zao Liu

Zao Liu

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

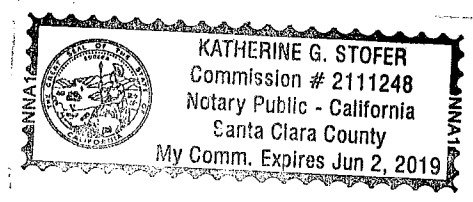
On March 14, 2019, before me, Katherine G. Stofer, Notary Public, personally appeared Zao Liu, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their 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.

KG Stofer

Signature of Notary Public



Executed on 03/11/2019.

Yang Liu
Yang Liu

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State of California)
County of Santa Clara)

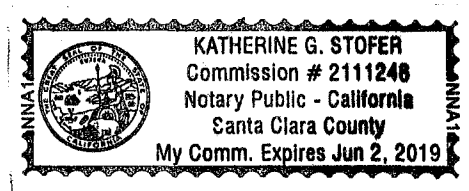
CAPACITY CLAIMED BY SIGNER
(X) individual signing for oneself

On March 11, 2019, before me, Katherine G. Stofer, Notary Public, personally appeared Yang Liu, 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. Stofer
Signature of Notary Public



Executed on 03/08/2019.

Zhaoyin D. Wu
Zhaoyin D. Wu

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CAPACITY CLAIMED BY SIGNER
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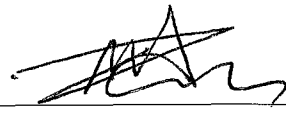
On March 8, 2019, before me, Katherine G. Stofer, Notary Public, personally appeared Zhaoyin D. Wu, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their 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.

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WITNESS my hand and official seal.

Katherine G. Stofer
Signature of Notary Public



Executed on 3/8/2019.


 Geoffrey Zhang

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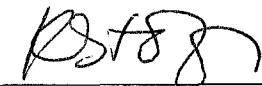
 State of California)
 County of Santa Clara)


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On March 8, 2019, before me, Katherine G. Stofer, Notary Public, personally appeared Geoffrey Zhang, 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.



 Signature of Notary Public
Executed on March 13, 2019.


 Yu Xu

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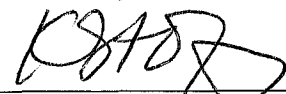
 State of California)
 County of Santa Clara)

 CAPACITY CLAIMED BY SIGNER
 (X) individual signing for oneself

On March 13, 2019, before me, Katherine G. Stofer, Notary Public, personally appeared Yu Xu, 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.

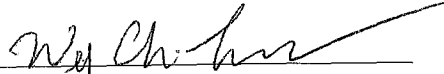
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



 Signature of Notary Public


Executed on 3/11/2019.


Alan C. Wong

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State of California)
County of Santa Clara)

CAPACITY CLAIMED BY SIGNER
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On March 11, 2019, before me, Katherine G. Stofer, Notary Public, personally appeared Alan C. Wong, 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.

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Signature of Notary Public

