

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5925329

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LING LIU	06/19/2019
YIFEI ZHOU	06/17/2019
XIAO TENG	06/18/2019
ASHISH SIRASAO	07/02/2019
CHUANHUA SONG	06/18/2019
AARON NG	07/08/2019
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:	16505987
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.
Address Line 1:	2100 LOGIC DR
Address Line 2:	ATTN: LEGAL DEPT
Address Line 4:	SAN JOSE, CALIFORNIA 95124
ATTORNEY DOCKET NUMBER:	X-5663 US
NAME OF SUBMITTER:	KATHERINE STOFER
SIGNATURE:	/Katherine Stofer/
DATE SIGNED:	01/23/2020

Total Attachments: 4

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Signed in Counterpart

Docket No. X-5663 US

ASSIGNMENT

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

Ling Liu of 2 Saggart Lodge Court, Saggart, Dublin, D24YV56 Ireland
Yifei Zhou of 4251 Norwalk Drive, #AA309, San Jose, CA 95129
Xiao Teng of 20488 Stevens Creek Blvd. #1509, Cupertino, CA 95014
Ashish Sirasao of 1603 Dorsey Lane, San Jose, CA 95120
Chuanhua Song of 1067 Belvedere Lane, San Jose, CA 95129
Aaron Ng of 5365 Baron Drive, San Jose, CA 95124

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

SPARSE MATRIX PROCESSING CIRCUITRY

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 June 19 2013

Ling Liu
Ling Liu

(1) WITNESS my hand JORN TUYS
[Printed Name]

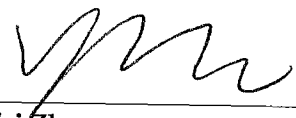
Jorn Tuys
Signature

13/06/2013
Date

(2) WITNESS my hand MA LIANG
[Printed Name]

Ma Liang
Signature

13/06/2013
Date

Executed on 6/17/2019

 Yifei Zhou

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.

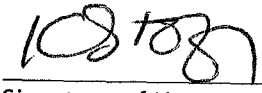
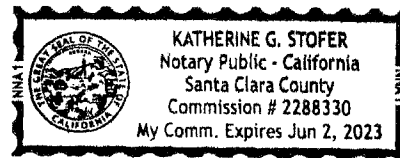
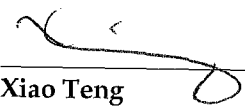
 State of California)
 County of Santa Clara)

 CAPACITY CLAIMED BY SIGNER
 (X) individual signing for oneself

On June 17, 2019, before me, Katherine G. Stofer, Notary Public, personally appeared Yifei Zhou, 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 6/18/19

 Xiao Teng

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.

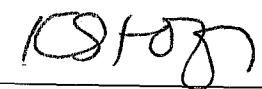
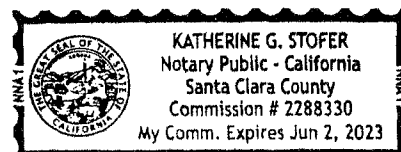
 State of California)
 County of Santa Clara)


 CAPACITY CLAIMED BY SIGNER
 (X) individual signing for oneself

On June 18, 2019, before me, Katherine G. Stofer, Notary Public, personally appeared Xiao Teng, 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 7/2/2019

 Ashish Sirasao

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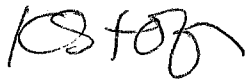
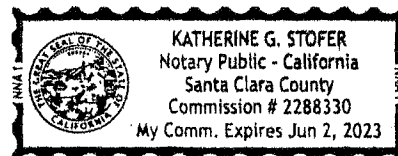

 State of California)
 County of Santa Clara)

 CAPACITY CLAIMED BY SIGNER
 (X) individual signing for oneself

On July 2, 2019, before me, Katherine G. Stofer, Notary Public, personally appeared Ashish Sirasao, 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 6/18/2019

 Chuanhua Song

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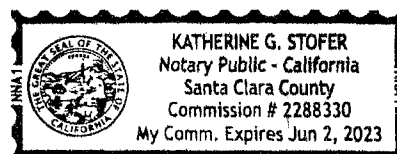
 State of California)
 County of Santa Clara)

 CAPACITY CLAIMED BY SIGNER
 (X) individual signing for oneself

On June 18, 2019, before me, Katherine G. Stofer, Notary Public, personally appeared Chuanhua Song, 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 7/8/19



Aaron Ng

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.

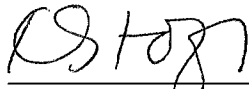
State of California)
County of Santa Clara)

CAPACITY CLAIMED BY SIGNER
(X) individual signing for oneself

On July 8, 2019, before me, Katherine G. Stofer, Notary Public, personally appeared Aaron Ng, 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

