505300116 01/28/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

ic Version v1.1 EPAS ID: PAT5346893

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HARE K. VERMA	01/21/2019
JIAYOU WANG	01/24/2019
VINCENT MIRIAN	01/21/2019

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:	16259895

CORRESPONDENCE DATA

Fax Number: (408)377-6137

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.

Phone: 408-879-5216
Email: xilinxipl@xilinx.com

Correspondent Name: XILINX, INC.

Address Line 1: 2100 LOGIC DRIVE Address Line 2: ATTN: LEGAL DEPT.

Address Line 4: SAN JOSE, CALIFORNIA 95124

ATTORNEY DOCKET NUMBER:	X-5639 US
NAME OF SUBMITTER:	SUSAN WIENS
SIGNATURE:	/susan wiens/
DATE SIGNED:	01/28/2019

Total Attachments: 3

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PATENT 505300116 REEL: 048160 FRAME: 0637

ASSIGNMENT

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

Hare K. Verma	of .	5863 Tomkins Drive, San Jose, CA 95129
Jiayou Wang	of	4529 Tomrick Avenue, San Jose, CA 95124
Vincent Mirian	of .	1505 De Rose Way #25, San Jose, CA 95126

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

CONFIGURABLE OVERLAY ON WIDE MEMORY CHANNELS FOR EFFICIENT MEMORY ACCESS

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 abovenamed assignee, its successors and assigns.

Executed on/	21/2019	
,		Hare Kul Ven
		Hare K. Verma
	ficer completing this certificate verifies onle not the truthfulness, accuracy, or validity of	y the identity of the individual who signed the document to which this that document.

State of California)
County of Santa Clara)

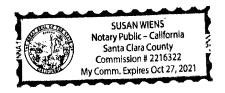
CAPACITY CLAIMED BY SIGNER
(X) individual signing for oneself

On <u>January 21, 2019</u>, before me, <u>Susan Wiens</u>, Notary Public, personally appeared <u>Hare K. Verma</u>, 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 _	1/24/2019	
		Jiayou Wang

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 <u>January 21, 2019</u>, before me, <u>Susan Wiens</u>, Notary Public, personally appeared <u>Jiayou Wang</u>, 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

SUSAN WIENS Notary Public - California Santa Clara County Commission # 2216322 My Comm. Expires Oct 27, 2021

Executed on	Jan	21st	2019		
				Vincent Mirian	

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 <u>January 21, 2019</u>, before me, <u>Susan Wiens</u>, Notary Public, personally appeared <u>Vincent Mirian</u>, 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.

Signature of Notary Public

SUS Notary Pu Santa Commis: My Comm. E

SUSAN WIENS Notary Public – California Santa Clara County Commission # 2216322 My Comm. Expires Oct 27, 2021