PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3513098

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VINOD K. KATHAIL	08/21/2015
L. JAMES HWANG	08/26/2015
SUNDARARAJARAO MOHAN	08/21/2015
JORGE E. CARRILLO	08/21/2015
HUA SUN	08/21/2015
TOM SHUI	08/21/2015
YOGESH L. CHOBE	08/26/2015

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:	14845100

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: 408-879-4185 Email: xilinxipl@xilinx.com

Correspondent Name: XILINX, INC. 2100 LOGIC DR Address Line 1: Address Line 2: ATTN: LEGAL DEPT

Address Line 4: SAN JOSE, CALIFORNIA 95124

ATTORNEY DOCKET NUMBER:	X-4618 US
NAME OF SUBMITTER:	KATHERINE STOFER
SIGNATURE:	/Katherine Stofer/
DATE SIGNED:	09/03/2015

PAIENI REEL: 036491 FRAME: 0745 503466473

Total Attachments: 4

source=X_4618_US_Assign_efiled#page1.tif

source=X_4618_US_Assign_efiled#page2.tif

source=X_4618_US_Assign_efiled#page3.tif

source=X_4618_US_Assign_efiled#page4.tif

PATENT REEL: 036491 FRAME: 0746

ASSIGNMENT

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

Vinod K. Kathail	_ of _	4155 King Arthur Court, Palo Alto, CA 94306
L. James Hwang	_ of	231 Gabarda Way, Portola Valley, CA 94028
Sundararajarao Mohan	of	510 Kinross Court, Sunnyvale, CA 94087
Jorge E. Carrillo		2240 Hendy Lane, San Jose, CA 95124
Hua Sun	_ of	1614 Corte De Anna, San Jose, CA 95124
Tom Shui	_of	990 San Marcos Circle, Mountain View, CA 94043
Yogesh L. Chobe	_ of	1311 Civic Center Drive, Santa Clara, CA 95050

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

AUTOMATIC IMPLEMENTATION OF A CUSTOMIZED SYSTEM-ON-CHIP

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.

Tantica assistice, its successors and assistis.	
Executed this $8 21 20 5$.	Vkratta Í
	Vinod K. Kathail
A notary public or other officer completing this certificate verifies only the certificate is attached, and not the truthfulness, accuracy, or validity of that	
State of <u>California</u>)	CAPACITY CLAIMED BY SIGNER
County of Santa Clara)	(X) individual signing for oneself
On Augus+21.2015, before me appeared <u>Vinod K. Kathail</u> , who proved to me on the whose name(s) is/abs subscribed to the within instrumented the same in his/her/their authorized capaci	ment and acknowledged to me that he/she/they

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

the instrument the person(s), or 'the entity upon behalf of which the person(s) acted, executed the

WITNESS my hand and official seal.

instrument.

Signature of Notary Public



	Docket No. X-4618 US
Executed this 26 Ang 2015.	L. James Hwang
A notary public or other officer completing this certificate verifies only the identity of certificate is attached, and not the truthfulness, accuracy, or validity of that document.	
State of <u>California</u>) County of <u>Santa Clara</u>)	CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself
On August 26, 2015, before me, Kather appeared L. James Hwang, who proved to me on the basis of whose name of is/are subscribed to the within instrument an executed the same in his/har/their authorized capacity(ies), the instrument the person of the entity upon behalf of vinstrument.	id acknowledged to me that he/she/they and that by his/her/their signature(x) on
I certify under PENALTY OF PERJURY under the laws of the paragraph is true and correct.	e State of California that the foregoing
WITNESS my hand and official seal.	
Signature of Notary Public	KATHERINE G. STOFER Commission # 2111248 Notary Public - California Santa Clara County My Comm. Expires Jun 2, 2019
Executed this $\frac{8/21/2015}{}$.	Sundararajarao Mohan
A notary public or other officer completing this certificate verifies only the identity of certificate is attached, and not the truthfulness, accuracy, or validity of that document.	
State of <u>California</u>) County of <u>Santa Clara</u>)	CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself
On August 21, 2019, before me, Kathe appeared Mohan Sundargrajarao, who proved to me on the person(s) whose name(s) is/a) subscribed to the within in he/s)(e/t) ey executed the same in his/hyr/their authorized signature(s) on the instrument the person(s), or the entity u executed the instrument.	nstrument and acknowledged to me that i capacity(ies), and that by his/Her/their

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 this AUGUST 21, 2015

LOPGE ERNESTO CARRILLE

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

CAPACITY CLAIMED BY SIGNER
(X) individual signing for oneself

On August 21/205, before me, Katherine G. Stofer, Notary Public, personally appeared <u>Jorge E. Carrillo</u>, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/ale subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/he/their authorized capacity(ies), and that by his/he/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

KATHERINE G. STOFER
Commission # 2111248
Notary Public - California
Santa Clara County
My Comm. Expires Jun 2, 2019

Executed this 8/2

Hua Sun

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 <u>California</u>) County of Santa Clara) CAPACITY CLAIMED BY SIGNER
(X) individual signing for oneself

On August 1, 2015, before me, Katherine G. Stofer, Notary Public, personally appeared <u>Hua Sun</u>, who proved to me on the basis of satisfactory evidence to be the person(by whose name(b) is/axe subscribed to the within instrument and acknowledged to me that he/ske/tkey executed the same in his/ber/their authorized capacity(ies), and that by his/her/their signature(b) 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

KATHERINE G. STOFER
Commission # 2111248
Notary Public - California
Santa Clara County
My Carem Expires Jun 2, 2019

Executed this August 21, 2615	Tom Shui
	Tom Shu
A notary public or other officer completing this certificate verifies only the ident certificate is attached, and not the truthfulness, accuracy, or validity of that documents of the certificate is attached.	
State of <u>California</u>) County of <u>Santa Clara</u>)	CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself
on Awyust 21,2015, before me, Ka appeared Tom Shui, who proved to me on the basis of sat name(s) is/axe subscribed to the within instrument are executed the same in his/her/their authorized capacity(is the instrument the person(s), or the entity upon behalf instrument.	nd acknowledged to me that he/ske/they ss), and that by his/her/their signature(ss) on
I certify under PENALTY OF PERJURY under the laws of paragraph is true and correct.	the State of California that the foregoing
WITNESS my hand and official seal. Signature of Notary Public	KATHERINE G. STOFER Commission # 2111248 Notary Public - California Santa Clara County My Comm. Expires Jun 2, 2019
Executed this August 26th, 2015.	Yogesh L. Chobe
A notary public or other officer completing this certificate verifies only the ident certificate is attached, and not the truthfulness, accuracy, or validity of that documents of the completion of the certificate of the ce	
State of <u>California</u>) County of <u>Santa Clara</u>)	CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself
On Augusta 6, 2015, before me, Ka appeared <u>Yogesh L. Chobe</u> , who proved to me on the basis whose name (x) is/axe subscribed to the within instrument executed the same in his/hex/th/xir authorized capacity(is the instrument the person (x), or the entity upon behalf instrument.	s of satisfactory evidence to be the person(s)
I certify under PENALTY OF PERJURY under the laws of paragraph is true and correct.	f the State of California that the foregoing
WITNESS my hand and official seal.	KATHERINE G. STOFER Commission # 2111248
Signature of Notary Public	Notary Public - California Santa Clara County My Comm. Expires Jun 2, 2019

4