

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5555958

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MUKUND SIVARAMAN	04/16/2019
SHAIL ADITYA GUPTA	05/06/2019
AKELLA SASTRY	05/21/2019
RISHI SURENDRAN	05/21/2019
PHILIP B. JAMES-ROXBY	05/21/2019
SAMUEL R. BAYLISS	05/21/2019
VINOD K. KATHAIL	05/30/2019
AJIT K. AGARWAL	04/16/2019
RALPH D. WITTIG	05/21/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	XILINX, INC.
<b>Street Address:</b>	2100 LOGIC DRIVE
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95124
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16420881
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)371-4613
<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>	
<b>Phone:</b>	4088796539
<b>Email:</b>	nsavoca@pattersonsheridan.com, psdocketing@pattersonsheridan.com
<b>Correspondent Name:</b>	XILINX, INC.
<b>Address Line 1:</b>	2100 LOGIC DRIVE
<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95124
<b>ATTORNEY DOCKET NUMBER:</b>	X-5668 US
<b>NAME OF SUBMITTER:</b>	KEITH TABOADA

<b>SIGNATURE:</b>	/Keith Taboada/
<b>DATE SIGNED:</b>	06/05/2019
<b>Total Attachments: 9</b> source=X_5668_US_Assignment#page1.tif source=X_5668_US_Assignment#page2.tif source=X_5668_US_Assignment#page3.tif source=X_5668_US_Assignment#page4.tif source=X_5668_US_Assignment#page5.tif source=X_5668_US_Assignment#page6.tif source=X_5668_US_Assignment#page7.tif source=X_5668_US_Assignment#page8.tif source=X_5668_US_Assignment#page9.tif	

ASSIGNMENT

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

<u>Mukund Sivaraman</u>	of	<u>444 San Antonio Road #3D, Palo Alto, CA 94306</u>
<u>Shail Aditya Gupta</u>	of	<u>309 Ballymore Circle, San Jose, CA 95136</u>
<u>Akella Sastry</u>	of	<u>1567 Calle de Stuarda, San Jose, CA 95118</u>
<u>Rishi Surendran</u>	of	<u>3160 Rubino Dr #301, San Jose, CA 95125</u>
<u>Philip B. James-Roxby</u>	of	<u>935 Tempted Ways Drive, Longmont, CO 80504</u>
<u>Samuel R. Bayliss</u>	of	<u>892 Park Drive, Apt. B, Mountain View, CA 94040</u>
<u>Vinod Kathail</u>	of	<u>4155 King Arthur Court, Palo Alto, CA 94306</u>
<u>Ajit K. Agarwal</u>	of	<u>G-1103 Aparna Cyberlife, Hyderabad, TS 500019, India</u>
<u>Ralph D. Wittig</u>	of	<u>2311 Crest Lane, Menlo Park, CA 94025</u>

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

COMPILATION FLOW FOR A HETEROGENEOUS MULTI-CORE ARCHITECTURE

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 Apr. 16, 2019

Mukund Sivaraman

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 )

CAPACITY CLAIMED BY SIGNER

County of Santa Clara )

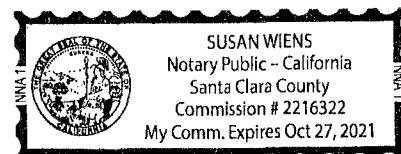
(X) individual signing for oneself

On April 16, 2019, before me, Susan Wiens, Notary Public, personally appeared Mukund Sivaraman, 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 05/06/19

Shail Aditya Gupta  
Shail Aditya Gupta

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 )

CAPACITY CLAIMED BY SIGNER

County of Santa Clara )

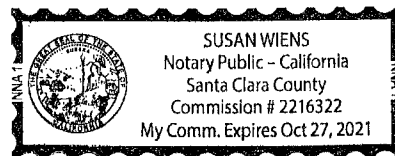
(X) individual signing for  
oneself

On May 6, 2019, before me Susan Wiens, Notary Public, personally appeared Shail Aditya Gupta, 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.

Susan Wiens  
Signature of Notary Public



Signed in Counterpart

Executed on May 21, 2019

Akella Sastry  
Akella Sastry

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 May 21, 2019, before me, Katherine G. Stofer, Notary Public, personally appeared Akella Sastry, 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.

K Stofer

Signature of Notary Public



Executed on 5/21/2019

*Rishi*

Rishi Surendran

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 )

CAPACITY CLAIMED BY SIGNER

(X) individual signing for oneself

County of Santa Clara )

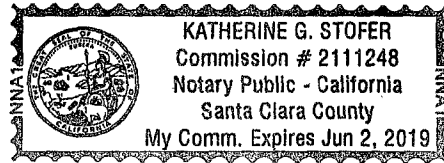
On May 21, 2019, before me, Katherine G. Stofer, Notary Public, personally appeared Rishi Surendran, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their 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*

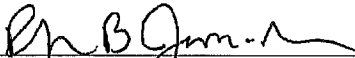
Signature of Notary Public



Signed in Counterpart

Docket No. X-5668 US

Executed on 5/21/2019

  
Philip B. James-Roxby

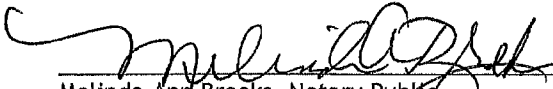
State of Colorado

CAPACITY CLAIMED BY SIGNER

County of Boulder

(X) individual signing for oneself

The foregoing instrument was acknowledged before me this 5/21/2019 (date)  
by Philip B. James-Roxby (name of person acknowledged).

  
Melinda Ann Brooks, Notary Public

Commission Expiration: 3/29/2022

Melinda Ann Brooks  
Notary Public  
State of Colorado  
Notary ID 20104010001  
My Commission Expires March 29, 2022

Executed on 21st May 2019

Samuel R. Bayliss  
Samuel R. Bayliss

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 )

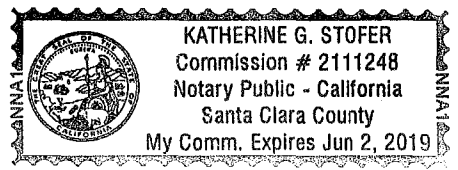
CAPACITY CLAIMED BY SIGNER  
(X) individual signing for  
oneself

On May 21, 2019, before me, Katherine G. Stofer, Notary Public, personally appeared Samuel R. Bayliss, 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]  
Signature of Notary Public





Executed on 5/30/2019

Vinod K. Kathail  
Vinod K. Kathail

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 )

CAPACITY CLAIMED BY SIGNER

County of Santa Clara )

(X) individual signing for  
oneself

On May 30, 2019, before me, Katherine G. Stofer, Notary Public, personally appeared Vinod K. Kathail, 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.

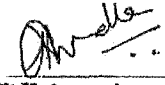
Katherine G. Stofer  
Signature of Notary Public



Signed in Counterpart

Docket No. X-5668 US

Executed on 16th APRIL 2019

  
Ajit K. Agarwal

(1) WITNESS my hand Nagarin Mehala  
[Printed Name]

  
Signature Date 12/04/2019

(2) WITNESS my hand Prashant Mallik  
[Printed Name]

  
Signature Date 12/04/2019

Executed on May 21, 2019

Ralph D. Wittig  
Ralph D. Wittig

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 )

CAPACITY CLAIMED BY SIGNER  
(X) individual signing for  
oneself

County of Santa Clara )

On May 21, 2019, before me, Katherine G. Stofer, Notary Public, personally appeared Ralph D. Wittig, 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.

K Stofer  
Signature of Notary Public

