

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4257306

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RAGHUNANDAN CHAWARE	01/10/2017
GANESH HARIHARAN	01/10/2017
INDERJIT SINGH	01/10/2017
AMITAVA MAJUMDAR	01/16/2017
GLENN O'ROURKE	02/02/2017
<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>
<b>Application Number:</b>	15423303
<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>	408-879-5216
<b>Email:</b>	xilinxipl@xilinx.com
<b>Correspondent Name:</b>	XILINX, INC.
<b>Address Line 1:</b>	2100 LOGIC DRIVE
<b>Address Line 2:</b>	ATTN: LEGAL DEPT.
<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95124
<b>ATTORNEY DOCKET NUMBER:</b>	X-5027 US
<b>NAME OF SUBMITTER:</b>	SUSAN WIENS
<b>SIGNATURE:</b>	/susan wiens/
<b>DATE SIGNED:</b>	02/02/2017
<b>Total Attachments: 3</b>	

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ASSIGNMENT

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

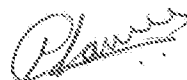
<u>Raghunandan Chaware</u>	of	<u>1352 Drysdale Drive, Sunnyvale, CA 94087</u>
<u>Ganesh Hariharan</u>	of	<u>3671 Peacock Court, Apt. 3, Santa Clara, CA 95051</u>
<u>Inderjit Singh</u>	of	<u>19765 Junipero Way, Saratoga, CA 95070</u>
<u>Amitava Majumdar</u>	of	<u>6496 Windsor Lane, San Jose CA 95129</u>
<u>Glenn O'Rourke</u>	of	<u>2570 Muirfield Way, Gilroy, CA 95020</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

HETEROGENEOUS INTEGRATION OF INTEGRATED CIRCUIT DEVICE  
AND COMPANION DEVICE

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 January 10, 2017



\_\_\_\_\_  
Raghunandan Chaware

State of California )

CAPACITY CLAIMED BY SIGNER

County of Santa Clara )

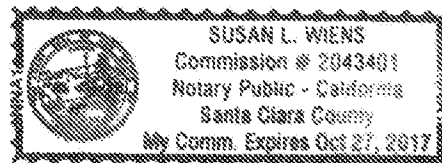
(X) individual signing for  
oneself

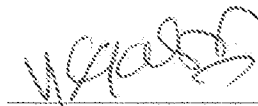
On January 10, 2017, before me, Susan L. Wiens, Notary Public, personally appeared Raghunandan Chaware, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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 L. Wiens  
\_\_\_\_\_  
Signature of Notary Public



Executed on 01/10/2017

Ganesh Hariharan

State of California )County of Santa Clara )

## CAPACITY CLAIMED BY SIGNER

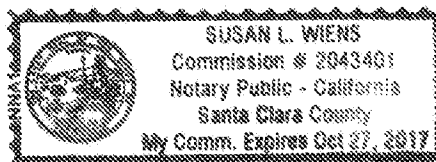
(X) individual signing for  
oneself

On January 10, 2017, before me, Susan L. Wiens, Notary Public, personally appeared Ganesh Hariharan, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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 1/10/2017

Inderjit Singh

State of California )County of Santa Clara )

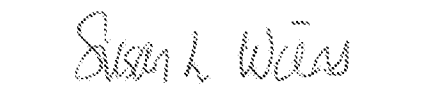
## CAPACITY CLAIMED BY SIGNER

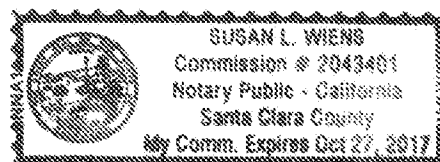
(X) individual signing for  
oneself

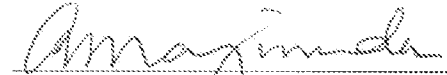
On January 10, 2017, before me, Susan L. Wiens, Notary Public, personally appeared Inderjit Singh, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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 January 16, 2017  
Amitava MajumdarState of California )County of Santa Clara )


CAPACITY CLAIMED BY SIGNER

(X) individual signing for  
oneself

On January 16, 2017, before me, Susan L. Wiens, Notary Public, personally appeared Amitava Majumdar, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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 PublicExecuted on February 2, 2017  
Glenn O'RourkeState of California )County of Santa Clara )

CAPACITY CLAIMED BY SIGNER

(X) individual signing for  
oneself

On February 2, 2017, before me, Susan L. Wiens, Notary Public, personally appeared Glenn O'Rourke, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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