

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4487442

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHELLE ZENG	06/16/2017
SUBODH KUMAR	06/16/2017
UMA DURAIRAJAN	06/16/2017
WEIGUANG LU	06/22/2017
KARTHY RAJASEKHARAN	06/16/2017
KUMAR RAHUL	06/27/2017
<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>
Application Number:	15639752
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	408-879-4185
<b>Email:</b>	xilinxipl@xilinx.com
<b>Correspondent Name:</b>	XILINX, INC.
<b>Address Line 1:</b>	2100 LOGIC DR
<b>Address Line 2:</b>	ATTN: LEGAL DEPT
<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95124
<b>ATTORNEY DOCKET NUMBER:</b>	X-5111 US
<b>NAME OF SUBMITTER:</b>	KATHERINE STOFER
<b>SIGNATURE:</b>	/Katherine Stofer/
<b>DATE SIGNED:</b>	06/30/2017

**Total Attachments: 8**

source=X\_5111\_US\_Assign\_efiled#page1.tif

source=X\_5111\_US\_Assign\_efiled#page2.tif

source=X\_5111\_US\_Assign\_efiled#page3.tif

source=X\_5111\_US\_Assign\_efiled#page4.tif

source=X\_5111\_US\_Assign\_efiled#page5.tif

source=X\_5111\_US\_Assign\_efiled#page6.tif

source=X\_5111\_US\_Assign\_efiled#page7.tif

source=X\_5111\_US\_Assign\_efiled#page8.tif

ASSIGNMENT

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

Michelle Zeng of 1551 Hicks Avenue, San Jose, CA 95125  
Subodh Kumar of 3410 Glenprosen Court, San Jose, CA 95148  
Uma Durairajan of 286 Casselino Drive, San Jose, CA 95136  
Weiguang Lu of 3043 Vin Grande Court, San Jose, CA 95135  
Karthy Rajasekharan of 11257 Bubb Raod, Cupertino, CA 95014  
Kumar Rahul of A-903, Aparna Heights 1, Serilingampally Mandal, Kondapur, Hyderabad 500084 India

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

**IMPLEMENTING ROBUST READBACK CAPTURE IN A PROGRAMMABLE INTEGRATED CIRCUIT**

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 06/16/2017

Michelle Zeng  
 Michelle Zeng

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

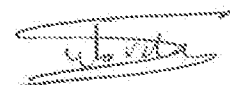
On June 16, 2017, before me, Katherine G. Stofer, Notary Public, personally appeared Michelle Zeng, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their 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.

KSG  
 Signature of Notary Public



Executed on 6/16/17
  
 Subodh Kumar

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 )

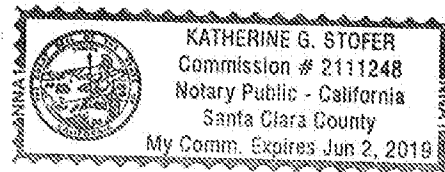
CAPACITY CLAIMED BY SIGNER  
 (X) individual signing for oneself

On June 16, 2017, before me, Katherine G. Stofer, Notary Public, personally appeared Subodh Kumar, 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 06/16/17
  
 Uma Durairajan

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 )

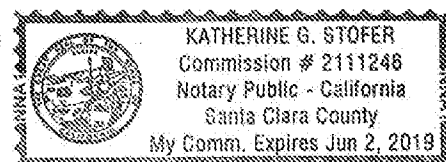
CAPACITY CLAIMED BY SIGNER  
 (X) individual signing for oneself

On June 16, 2017, before me, Katherine G. Stofer, Notary Public, personally appeared Uma Durairajan, 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 6/22/2017Weiguang Lu  
Weiguang Lu

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 )

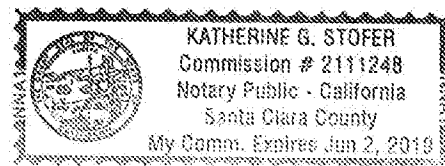
CAPACITY CLAIMED BY SIGNER  
(X) individual signing for oneself

On June 22, 2017, before me, Katherine G. Stofer, Notary Public, personally appeared Weiguang Lu, 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

Executed on 06/16/2017Karthi Rajasekharan  
Karthi Rajasekharan

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 )

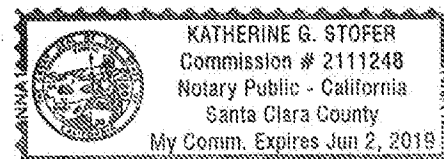
CAPACITY CLAIMED BY SIGNER  
(X) individual signing for oneself

On June 16, 2017, before me, Katherine G. Stofer, Notary Public, personally appeared Karthi Rajasekharan, 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



Executed on \_\_\_\_\_

Kumar Rahul

State of )  
Country of )

CAPACITY CLAIMED BY SIGNER  
(X) individual signing for oneself

WITNESS my hand \_\_\_\_\_  
[Printed Name]

Signature

Date \_\_\_\_\_

WITNESS my hand \_\_\_\_\_  
[Printed Name]

Signature

Date \_\_\_\_\_

ASSIGNMENT

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

Michelle Zeng of 1551 Hicks Avenue, San Jose, CA 95125  
 Subodh Kumar of 3410 Glenprosen Court, San Jose, CA 95148  
 Uma Durairajan of 286 Casselino Drive, San Jose, CA 95136  
 Weiguang Lu of 3043 Vin Grande Court, San Jose, CA 95135  
 Karthy Rajasekharan of 11257 Bubb Road, Cupertino, CA 95014  
 Kumar Rahul of A-903, Aparna Heights I, Serilingampally Mandal, Kondapur, Hyderabad 500084 India

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

IMPLEMENTING ROBUST READBACK CAPTURE IN A PROGRAMMABLE INTEGRATED CIRCUIT

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 \_\_\_\_\_

\_\_\_\_\_  
 Michelle Zeng

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 \_\_\_\_\_, before me, Katherine G. Stofer, Notary Public, personally appeared Michelle Zeng, 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 \_\_\_\_\_

\_\_\_\_\_  
Subodh Kumar

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 \_\_\_\_\_, before me, Katherine G. Stofer, Notary Public, personally appeared Subodh Kumar, 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 \_\_\_\_\_

\_\_\_\_\_  
Uma Durairajan

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 \_\_\_\_\_, before me, Katherine G. Stofer, Notary Public, personally appeared Uma Durairajan, 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 \_\_\_\_\_

\_\_\_\_\_  
Weiguang Lu

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 \_\_\_\_\_, before me, Katherine G. Stofer, Notary Public, personally appeared Weiguang Lu, 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 \_\_\_\_\_

\_\_\_\_\_  
Karthi Rajasekharan

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 \_\_\_\_\_, before me, Katherine G. Stofer, Notary Public, personally appeared Karthi Rajasekharan, 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 27<sup>th</sup> June 2017

Kumar Rahul  
Kumar Rahul

State of TELANGANA )  
Country of INDIA )

CAPACITY CLAIMED BY SIGNER  
(X) individual signing for oneself

WITNESS my hand SURESH BABU KOTHA  
[Printed Name]

K. Suresh babu  
Signature

27<sup>th</sup> JUNE 2017  
Date

WITNESS my hand Jitendra Kumar Yadav  
[Printed Name]

Jitendra:  
Signature

27<sup>th</sup> June 2017  
Date