504440741 06/30/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4487442

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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

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:	15639752

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.

Address Line 1: 2100 LOGIC DR

Address Line 2: ATTN: LEGAL DEPT

Address Line 4: SAN JOSE, CALIFORNIA 95124

ATTORNEY DOCKET NUMBER:	X-5111 US
NAME OF SUBMITTER:	KATHERINE STOFER
SIGNATURE:	/Katherine Stofer/
DATE SIGNED:	06/30/2017

PATENT 504440741 REEL: 042878 FRAME: 0592

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

PATENT REEL: 042878 FRAME: 0593

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 Rabul of A-903	Ana	rna Heights 1: Serilingampally Mandal, Kondanur, Hyderahad 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
	Michelle Zeng (3)
A notary public or other officer completing this certificate certificate is attached, and not the truthfulness, accuracy,	e verifies only the identity of the individual who signed the document to which this or validity of that document.
State of California)	CAPACITY CLAIMED BY SIGNER
County of Santa Clara)	(X) individual signing for oneself
appeared <u>Michelle Zeng</u> , who proved to whose name(g) is/axe subscribed to the vexecuted the same in his/her/their authorises.	, before me, Katherine G. Stofer, Notary Public, personally me on the basis of satisfactory evidence to be the person within instrument and acknowledged to me that hershe/they orized capacity(ies), and that by his/her/their signature(s) on ity upon behalf of which the person of acted, executed the

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing

WITNESS my hand and official seal.

paragraph is true and correct.

トンドかり Signature of Notally Public KATHERINE G. STOFER
Commission # 2111248
Notary Public - California
Santa Clara County
My Comm. Expires Jun 2, 2019

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Executed on 6 / 16 / 17	
	Subodh Kumar
A notary public or other officer completing this certificate verifies certificate is attached, and not the truthfulness, accuracy, or validi	s only the identity of the individual who signed the document to which this ty of that document.
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I certify under PENALTY OF PERJURY under t paragraph is true and correct.	he laws of 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 on 96/16/19	Uma Durairajan
A notary public or other officer completing this certificate verific certificate is attached, and not the truthfulness, accuracy, or validi	s only the identity of the individual who signed the document to which this ity of that document.
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KATHERINE G. STOFER
Gommission # 2111246
Notary Public - California
Santa Clara County
My Comm. Expires Jun 2, 2019

Signature of Notary Públic

Executed on 6/2/2017	
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Signature of Notary Public	KATHERINE G. STOFER Commission # 2111248 Notary Public - California Santu Clara County My Comm. Expires Jun 2, 2019
Executed on 06/16/2017	Karthy Rajasekharan
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State of California) County of Santa Clara)	CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself
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WITNESS my hand and official seal.	
Signature of Notary Public	KATHERINE G. STOFER Commission # 2111248 Notary Public - California Santa Clara County My Conum. Expires Jun 2, 2019

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	
Weiguang Lu .	
Karthy Rajasekharan	of 11257 Bubb Road, Cupertino, CA 95014
Kumar Rahul of A-903,	Aparna Heights 1, Serilingampally Mandal, Kondapur, Hyderabad 500084 India
Logic Drive, San Jose, C throughout the world in	
IMPLEMENTING ROB	IUST READBACK CAPTURE IN A PROGRAMMABLE INTEGRATED CIRCUIT
and all patent application continuations and exter applications; I/we autho invention, and to claim execute all papers useful do everything possible expense, in obtaining an	tute a United States patent application on or about the date of this assignment, as and patents of every country for said invention, including divisions, reissues, asions thereof, and all rights of priority resulting from the filing of said rize the above-named assignee to apply for patents of foreign countries for said all rights of priority without further authorization from me/us; I/we agree to in connection with said United States and foreign applications, and generally to to aid said assignee, its successors, assigns and nominees, at its request and and enforcing patents for said invention in all countries; and I/we request the sand Trademarks to issue all patents granted for said invention to the above-essors and assigns.
Executed on	
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	Michelle Zeng
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A notary public or other officer c	Michelle Zeng completing this certificate verifies only the identity of the individual who signed the document to which this etruthfulness, accuracy, or validity of that document. CAPACITY CLAIMED BY SIGNER
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A notary public or other officer of certificate is attached, and not the State of California) County of Santa Clara) Onappeared Michelle Zeng whose name(s) is/are su executed the same in his the instrument the persinstrument. I certify under PENALTY paragraph is true and con	Michelie Zeng mompleting this certificate verifies only the identity of the individual who signed the document to which this cruthfulness, accuracy, or validity of that document. CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself

PATENT REEL: 042878 FRAME: 0598

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	Subodh Kumar
A notary public or other officer completing this certificate verifi- certificate is attached, and not the truthfulness, accuracy, or valid	es only the identity of the individual who signed the document to which this dity of that document.
State of California) County of Santa Clara)	CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself
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WITNESS my hand and official seal.	
Signature of Notary Public Executed on	·
	Uma Durairajan
A notary public or other officer completing this certificate verifi- certificate is attached, and not the truthfulness, accuracy, or valid	es only the identity of the individual who signed the document to which this dity of that document.
State of California) County of Santa Clara)	CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself
appeared <u>Uma Durairajan</u> , who proved to me whose name(s) is/are subscribed to the within executed the same in his/her/their authorized	fore me, Katherine G. Stofer, Notary Public, personally on the basis of satisfactory evidence to be the person(s) in instrument and acknowledged to me that he/she/they dicapacity(ies), and that by his/her/their signature(s) on upon behalf of which the person(s) acted, executed the
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WITNESS my hand and official seal.	
Signature of Notary Public	

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Weiguang Lu
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Karthy Rajasekharan
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	Kumar Rahul
State of TELANGANA) Country of INDIA)	CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself
WITNESS my hand SURESH	BABU KOTHA
Printed Na K. Swiesh hohu Signature	27 JUNE 2017 Date
WITNESS my hand Titendry Kumar Yadar. [Printed Name] 27-th June 2017.	
Signature	Date