502225674 02/08/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Adam P. Donlin	01/23/2013
Biping Wu	01/23/2013
Kyle Corbett	01/23/2013
Nabeel Shirazi	02/08/2013
Shay P. Seng	02/05/2013
Amit Kasat	02/05/2013
Srinivas Beeravolu	01/28/2013
Khang K. Dao	01/23/2013
Jeffrey H. Seltzer	01/23/2013
Christopher J. Case	01/23/2013

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:	13763317

CORRESPONDENCE DATA

Fax Number: 4083776137

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 408-879-5216

Email: xilinxipl@xilinx.com

Correspondent Name: XILINX, INC.

Address Line 1: 2100 LOGIC DR

PATENT

REEL: 029784 FRAME: 0354

Address Line 2: ATTN: LEGAL DEPT Address Line 4: SAN JOSE, CALIFORNIA 95124 ATTORNEY DOCKET NUMBER: X-3988 US NAME OF SUBMITTER: Susan Wiens Total Attachments: 7 source=X_3988_US_Assign_efiled#page1.tif source=X_3988_US_Assign_efiled#page2.tif source=X_3988_US_Assign_efiled#page3.tif source=X_3988_US_Assign_efiled#page4.tif source=X_3988_US_Assign_efiled#page5.tif source=X_3988_US_Assign_efiled#page6.tif source=X_3988_US_Assign_efiled#page7.tif

> PATENT REEL: 029784 FRAME: 0355

ASSIGNMENT

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

Adam P. Donlin	of	101 Oak Rim Way #6, Los Gatos, CA 95032
Biping Wu	_ of	2013 Pintail Drive, Longmont, CO 80504
Kyle Corbett	of	1460 Elam Avenue, Campbell, CA 95008
Nabeel Shirazi	of	151 El Camino Real, Unit 406, Millbrae, CA 94030
Shay P. Seng	o.f.	1159 Park Avenue, San Jose, CA 95126
Amit Kasat	of	6440 Myrtlewood Drive, Cupertino, CA 95014
Srinivas Beeravolu	of	1290 San Tomas Aquino Road, Apt. 112, San Jose, CA 95117
Khang K. Dao	of	1472 Athenour Court, San Jose, CA 95120
Jeffrey H. Seltzer	of	17015 Lon Road, Los Gatos, CA 95033
Christopher J. Case	of	205 Coleridge Street, San Francisco, CA 94110

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

SYSTEM LEVEL CIRCUIT DESIGN

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 this 23rd day of Danvary	
	Adam P. Donlin
State of <u>California</u>) County of <u>Santa Clara</u>)	CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself
On	d acknowledged to me that he executed the same on the instrument the person, or the entity upon

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.

Sugn L WWW
Signature of Notary Public

SUSAN I. WIENS
Commission # 1868680
Notary Public - California
Santa Clara County
My Comm. Expires Oct 27, 2013

Executed this 3 day of Jon	7013 2012
_	arton
	Biping Wu
State of <u>Colorado</u>)	CAPACITY CLAIMED BY SIGNER
County of Boulder)	(X) individual signing for oneself
Section 19 Inches	
on <u>January</u> 23,2013, be	efore me, Lois D. Cartier, Notary Public, personally appeared
Biping Wu, personally known to me (or p	roved to me on the basis of satisfactory evidence) to be the
the same in his authorized capacity, and	within instrument and acknowledged to me that he executed it that by his signature on the instrument the person we the
entity upon behalf of which the person ac	ted, executed the instrument.
WITNESS my hand and official sea	LOIS D CARTER / / / LOTA ;
	Notary Public
	State Of Colorado 🏥 🏰 🏸 🗸 🖺 👢 🗎
Signature of Notary Public	Ay Commission Expires 04/14/2016 🌎 🏋 స్ట్రేహ్హ్హ్హ్హ్హ్హ్హ్హ్హ్హ్హ్హ్హ్హ్హ్హ్హ్హ
S	
Executed this day of	
	Kyle Corbett
State of <u>California</u>)	CAPACITY CLAIMED BY SIGNER
County of Santa Clara)	(X) individual signing for oneself
On	_, before me, Susan L. Wiens, Notary Public, personally
	e on the basis of satisfactory evidence to be the person whose ent and acknowledged to me that he executed the same in his
authorized capacity, and that by his sign;	ature on the instrument the person, or the entity upon behalf
of which the person acted, executed the i	nstrument.
	nder the laws of the State of California that the foregoing
paragraph is true and correct.	
WITNESS my hand and official sea	Ĺ,
and the state of t	
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PATENT REEL: 029784 FRAME: 0357

Signed in Counterpart	Död	tket No. X-3988 US
		all market and the second of the second
Executed this day of	, 2013.	and the second second
		article and the second
	Biping Wu	
State of <u>Colorado</u>)	CAPACITY CLAIMED BY SIGN	
Commence Bandalan S	(X) individual signing for	oneself
County of <u>Boulder</u>)	arinnymin (m. 1919)	
Onbefo	hin instrument and acknowledged to r nat by his signature on the instrumen	ne that he executed
WITNESS my hand and official seal.		
Circolaus of Materia Diblini		
Signature of Notary Public		
Executed this 23 day of Tanana	, 2013. Kyle Corbett	y.
State of California)	CAPACITY CLAIMED	RV CIGNED
	(X) individual sign	
County of Santa Clara)	oneself	
On <u>JOA 23 2013</u> , appeared <i>Kyle Corbett</i> , who proved to me or name is subscribed to the within instrument authorized capacity, and that by his signatu of which the person acted, executed the inst	and acknowledged to me that he exec re on the instrument the person, or th	be the person whose uted the same in his
I certify under PENALTY OF PERJURY under paragraph is true and correct.	or the laws of the State of California	that the foregoing
WITNESS my hand and official seal.		
Signature of Notary Public	SUSAN L V Commission # Notary Public - Santa Clara My Comm. Expires	6 // M 6 / M

Executed this <u>O</u> day of <u>February</u>	, 2013. Nabeel Shira	LL BL
On <u>Valuation</u> , before me, Susan <u>Nabeel Shirazi</u> , who proved to me on the basis of satisfa subscribed to the within instrument and acknowledge authorized capacity, and that by his signature on the in of which the person acted, executed the instrument.	ectory evidence to be ed to me that he	executed the same in his
I certify under PENALTY OF PERJURY under the laws paragraph is true and correct.	of the State of Ca	lifornia that the foregoing
WITNESS my hand and official seal. Signature of Notary Public		SUSAN L. WIENS Commission # 1866680 Notary Public - California Santa Clara County Comm. Expires Oct 27, 2013
digitation of riotally rapide		
Executed this _ S _ day of Fe 5	_, 2013. Shay P. Seng	
State of <u>California</u>) County of <u>Santa Clara</u>)		AIMED BY SIGNER ual signing for If
On Foncusing S, 2013, before me appeared Shay P. Seng, who proved to me on the basis on name is subscribed to the within instrument and acknow authorized capacity, and that by his signature on the in of which the person acted, executed the instrument.	of satisfactory evider Medged to me that h	nce to be the person whose he executed the same in his
I certify under PENALTY OF PERJURY under the laws paragraph is true and correct.	of the State of Ca	lifornia that the foregoing
WITNESS my hand and official seal.		
Signature of Notary Public	SU Commi Notary Sant My Comm.	SAN L. WIENS ssion # 1866680 Public - California # a Clara County Expires Oct 27, 2013

Executed this S day of February 2013.
Amit Kasat
On
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 Commission # 1866680 Notary Public - California Santa Clara County My Comm. Expires Oct 27, 2013 Signature of Notary Public
Executed this 28 day of JANUARY 2013. Srinivas Beeravolu
State of California CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself
On 28, 20(3), before me, Susan L. Wiens, Notary Public, personally appeared <u>Srinivas Beeravolu</u> , 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 Commission # 1866680 Notary Public - California Santa Clara County Signature of Notary Public - My Comm. Expires Oct 27, 2013

Signature of Notary Public

Executed this 23 day of Janvary	2013. Khang K. Dao	
On	ory evidence to be the person whose name is I to me that he executed the same in his	
I certify under PENALTY OF PERJURY under the laws of paragraph is true and correct.	of the State of California that the foregoing	
WITNESS my hand and official seal. Signature of Notary Public	SUSAN L. WIENS Commission # 1866660 Notary Public - California Santa Clara County My Comm. Expires Oct 27, 2013	
Executed this 23 day of January	2013. Jeffrey H. Seltzer	
State of <u>California</u>) County of <u>Santa Clara</u>)	CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself	
On <u>January 23, 2013</u> , before me, Susan L. Wiens, Notary Public, personally appeared <u>Jeffrey H. Seltzer</u> , 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 paragraph is true and correct.	of the State of California that the foregoing	
WITNESS my hand and official seal.		

PATENT REEL: 029784 FRAME: 0361

SUSAN L. WIENS

Commission # 1866680

Notary Public - California

Santa Clara County

My Comm. Expires Oct 27, 2013

Executed this 23 day of 3 ANVARY	
	Christopher J. Case
State of <u>California</u>)	CAPACITY CLAIMED BY SIGNER
County of Santa Clara)	(X) individual signing for oneself

On <u>JAA: 23, 2013</u>, before me, Susan L. Wiens, Notary Public, personally appeared <u>Christopher J. Case</u>, 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 Commission # 1866680 Notary Public - California Santa Clara County My Comm. Expires Oct 27, 2013

> **PATENT** REEL: 029784 FRAME: 0362

RECORDED: 02/08/2013