PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3523093

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BENNET AN	08/24/2015
HENRY E. STYLES	09/09/2015
SONAL SANTAN	08/18/2015
FERNANDO J. MARTINEZ VALLINA	08/18/2015
PRADIP K. JHA	08/18/2015
DAVID A. KNOL	08/27/2015
SUDIPTO CHAKRABORTY	08/24/2015
JEFFREY M. FIFIELD	08/20/2015
STEPHEN P. ROZUM	08/24/2015

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:	14852173

CORRESPONDENCE DATA

Fax Number: (408)371-4613

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: 408-879-5216
Email: xilinxipl@xilinx.com

Correspondent Name: XILINX, INC.

Address Line 1: 2100 LOGIC DRIVE Address Line 2: ATTN: LEGAL DEPT.

Address Line 4: SAN JOSE, CALIFORNIA 95124

ATTORNEY DOCKET NUMBER: X-4680 US

NAME OF SUBMITTER: SUSAN WIENS

PAIENI

503476468 REEL: 036546 FRAME: 0966

SIGNATURE:	/susan wiens/
DATE SIGNED:	09/11/2015
Total Attachments: 6	
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PATENT REEL: 036546 FRAME: 0967

ASSIGNMENT

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

Bennet An	_ of _	1550 Technology Dr., Unit 2101, San Jose, CA 95110
Henry E. Styles	of	390 O'Connor St., Menlo Park, CA 94025
Sonal Santan	of .	1200 Mayberry Ln., San Jose, CA 95131
Fernando J. Martinez Vallina	of	1077 Konstanz Terrace, Sunnyvale, CA 94089
Pradip K. Jha	of_	10038 Dove Oak Court, Cupertino, CA 95014
David A. Knol	_ of	1606 Morning Star Drive, Morgan Hill, CA 95037
Sudipto Chakraborty	of	5101 Eagan Circle, Longmont, CO 80503
Jeffrey M. Fifield	of	1285 Bear Mountain Dr., Apt. B, Boulder, CO 80305
Stephen P. Rozum	of	4833 Soaring Peaks Dr., Loveland, CO 80537

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

SOFTWARE DEVELOPMENT-BASED COMPILATION FLOW FOR HARDWARE IMPLEMENTATION

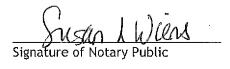
for which I/we will execute a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing 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	Bennet An
State of <u>California</u>)	CAPACITY CLAIMED BY SIGNER (X) individual signing for
County of <u>Santa Clara</u>)	oneself

On <u>August 24, 2015</u>, before me, Susan L. Wiens, Notary Public, personally appeared <u>Bennet An</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.





Executed on 9 Sept 2015.	
·	Henry E. Styles
State of <u>California</u>) County of <u>Santa Clara</u>)	CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself
On <u>Presider 9, 2015</u> , before me, Susa appeared <u>Henry E. Styles</u> , who proved to me on the basis of whose name is subscribed to the within instrument and acknow in his authorized capacity, and that by his signature on the inbehalf of which the person acted, executed the instrument.	f satisfactory evidence to be the person rledged to me that he executed the same
I certify under PENALTY OF PERJURY under the laws of the paragraph is true and correct.	SUSAN L. WIENS
WITNESS my hand and official seal.	Commission # 2043401 Notary Public - California Santa Clara County My Comm. Expires Oct 27, 2017
Signature of Notary Public	
Executed on 18 A V G 2015 .	Sonal Santan
State of <u>California</u>) County of <u>Santa Clara</u>)	CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself
On August 18, 2015, before me, Susa appeared Sonal Santan, who proved to me on the basis of satisfiame is subscribed to the within instrument and acknowledged authorized capacity, and that by his signature on the instrument of which the person acted, executed the instrument.	d to me that he executed the same in his
I certify under PENALTY OF PERJURY under the laws of the paragraph is true and correct.	e State of California that the foregoing

WITNESS my hand and official seal.

Signature of Notary Public



WITNESS my hand and official seal.

Signature of Notary Public



Signed in Counterpart	Docket No. X-4680 US
Executed on 8 27 15	David A. Knol
State of <u>California</u>) County of <u>Santa Clara</u>)	CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself
whose name is subscribed to the within instrument	e me, Susan L. Wiens, Notary Public, personally he basis of satisfactory evidence to be the person and acknowledged to me that he executed the same re on the instrument the person, or the entity upon trument.
I certify under PENALTY OF PERJURY under the paragraph is true and correct.	laws of the State of California that the foregoing
WITNESS my hand and official seal. Susay L Wills	SUSAN L. WIENS Commission # 2043401 Notary Public - California Santa Clara County My Comm. Expires Oct 27, 2017
Signature of Notary Public	
Executed on 8 34 15	Sudipto Chakraborty
State of <u>Colorado</u>) County of <u>Boulder</u>)	CAPACITY CLAIMED BY SIGNER (X) Individual signing for oneself
evidence) to be the person whose name is subscrib-	e, Melinda Ann Brooks, Notary Public, personally to me (or proved to me on the basis of satisfactory ed to the within instrument and acknowledged to me city, and that by his signature on the instrument the con acted, executed the instrument.
WITNESS my hand and official seal.	Melinda Ann Brooks Notary Public State of Colorado Notary ID: 20104010001 My Commission Expires March 29, 2018

Signed in Counterpart	Docket No. X-4680 US
Executed on 8/20/2015	. —————————————————————————————————————
	Jeffrey M. Fifteld
	•
State of <u>Colorado</u>)	CAPACITY CLAIMED BY SIGNER
County of <u>Boulder</u>)	(X) individual signing for oneself
8/00/001	
On <u>Of COOS</u> , before m appeared <u>Jeffrey M. Fifield</u> , personally known to	ne, Melinda Ann Brooks, Notary Public, personally o me (or proved to me on the basis of satisfactory
evidence) to be the person whose name is subscrib	ed to the within instrument and acknowledged to me city, and that by his signature on the instrument the
person, or the entity upon behalf of which the per	
WITNESS my hand and official seal.	Melinda Ann Brooks
\mathcal{I}_{α}	Notary Public State of Colorado
No le la Coffee	Notary ID: 20104010001 My Commission Expires March 29, 2018
Signature of Notary Public	
Executed on	
	Stephen P. Rozum
State of <u>Colorado</u>)	CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself
County of Boulder)	(X) individual signing for oneself
On, before m	ne, Melinda Ann Brooks, Notary Public, personally o me (or proved to me on the basis of satisfactory
evidence) to be the person whose name is subscrib	ed to the within instrument and acknowledged to me
person, or the entity upon behalf of which the per	city, and that by his signature on the instrument the son acted, executed the instrument.
WITNESS my hand and official seal.	
Signature of Notary Public	

Signed in Counterpart	Docket No. X-4680 US
Executed on	
	Jeffrey M. Fiffeld
State of <u>Colorado</u>	CAPACHY CLAIMED BY SIGNER
County of <u>Boulder</u>)	individual signing for oneself
evidence) to be the person whose nan chat he executed the same in his aut	before me, Melinda Ann Brooks, Notary Public, personally ally known to me (or proved to me on the basis of satisfactory me is subscribed to the within instrument and acknowledged to me thorized capacity, and that by his signature on the instrument the which the person acted, executed the instrument.
Signature of Notary Public Executed on $\frac{8/24/2015}{}$	
	the land
	Stephen P. Rozum
State of <u>Colorado</u> County of <u>Boulder</u>	CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself
appeared <u>S<i>tephen P. Rozum,</i></u> persona evidence) to be the person whose nan	_, before me, Melinda Ann Brooks, Notary Public, personally ally known to me (or proved to me on the basis of satisfactory me is subscribed to the within instrument and acknowledged to me horized capacity, and that by his signature on the instrument the which the person acted, executed the instrument.

PATENT REEL: 036546 FRAME: 0973

RECORDED: 09/11/2015