504927929 05/23/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4974675

UBMISSION TYPE: NEW ASSIGNMENT			
NATURE OF CONVEYAN			
CONVEYING PARTY DA	ATA		
	Execution Date		
SHANGZHI SUN	05/22/2018		
CHAITHANYA DUDHA	05/22/2018		
BING TIAN	05/22/2018		
ASHISH SIRASAO	05/22/2018		
RECEIVING PARTY DA	ТА		
Name:	XILINX, I	NC.	
Street Address:	2100 LO	GIC DRIVE	
City:	SAN JOS	SE	
State/Country:	CALIFOF	RNIA	
Postal Code:	95124		
Property Type		Number	
Property Type			
Property Type Application Number:	1	Number 5987372	
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ASSIGNMENT

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

Shangzhi Sun o	1653 Via Fortuna, San Jose, CA 95102
Chaithanya Dudha of	347 Kiely Blvd., Apt. D106, San Jose, CA 95129
Bing Tian of	1145 Alderbrook Lane, San Jose, CA 95129
Ashish Sirasao of	1603 Dorcey Lane, San Jose, CA 95120

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

LOCAL RETIMING OPTIMIZATION FOR CIRCUIT DESIGNS

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 abovenamed assignee, its successors and assigns.

5/22/2018

Shangzhi Sun

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 <u>California</u>)

County of <u>Santa Clara</u>)

CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself

On <u>May 22, 2018</u>, before me, Susan Wiens, Notary Public, personally appeared <u>Shangzhi Sun</u>, 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.

isan Wien

Signature of Notary Public



PATENT REEL: 045884 FRAME: 0377

Executed on 0	5	22	2018	
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D. Chairange

Chaithanya Dudha

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State of <u>California</u>)

County of <u>Santa Clara</u>)

CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself

On <u>May 22,2018</u>, before me, Susan Wiens, Notary Public, personally appeared <u>Chaithanya Dudha</u>, 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.

disan Wiens

Signature of Notary Public



Signed in Counterpart

Docket No. X-5369 US

Executed on _ 05/22/2018

No BA

Bing Tian

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State of <u>California</u>)

County of Santa Clara)

CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself

On <u>May 22, 2018</u>, before me, Susan Wiens, Notary Public, personally appeared <u>Bing</u> <u>Tian</u>, 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.

Susar Wiers

Signature of Notary Public



Docket No. X-5369 US

Executed on 5/22/2018

Ashish Sirasao

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State of <u>California</u>)

County of Santa Clara)

CAPACITY CLAIMED BY SIGNER (X) individual signing for oneself

On <u>May 22</u>, <u>2018</u>, before me, Susan Wiens, Notary Public, personally appeared <u>Ashish</u> <u>Sirasao</u>, 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.

Wins

Signature of Notary Public

