10/13/2021 506920478

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6967313

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AKELLA SASTRY	05/21/2019
VINOD K. KATHAIL	05/30/2019
L. JAMES HWANG	05/31/2019
SHAIL ADITYA GUPTA	05/06/2019
VIDHUMOULI HUNSIGIDA	05/22/2019
SIDDHARTH RELE	05/22/2019

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:	17500509	

CORRESPONDENCE DATA

Fax Number: (561)423-9297

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: 5618017700

Email: xilinxpatent@iplawpro.com

CUENOT, FORSYTHE & KIM, LLC **Correspondent Name:**

20283 STATE ROAD 7 Address Line 1:

Address Line 2: STE. 300

Address Line 4: **BOCA RATON, FLORIDA 33498**

ATTORNEY DOCKET NUMBER:	X-5676 US-1C 8131-0499.02
NAME OF SUBMITTER:	KEVIN T. CUENOT
SIGNATURE:	/Kevin T. Cuenot/
DATE SIGNED:	10/13/2021

PATENT REEL: 057784 FRAME: 0027 506920478

Total Attachments: 7

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PATENT REEL: 057784 FRAME: 0028

ASSIGNMENT

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

Akella Sastry	of <u>1567 Calle de Stuarda, San Jose, CA 95118</u>	
Vinod Kathail	of 4155 King Arthur Court, Palo Alto, CA 94306	
L. James Hwang	of 231 Gabarda Way, Portola Valley, CA 94025	
Shail Aditya Gupta	of 309 Ballymore Circle, San Jose, CA 95136	
Vidhumouli Hunsigida	of Plot 93, Alind Hsg Society, Hyderabad, TS 500019, India	
Siddarth Rele	of A5/23, Sector-2, Opp Albela Hanuman Mandir, CBD Belapur,	
	Navi Mumbai, MH 4000614, 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

HARDWARE-SOFTWARE DESIGN FLOW WITH HIGH-LEVEL SYNTHESIS FOR HETEROGENEOUS AND PROGRAMMABLE DEVICES

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 May 21, 2019	Akella Sastry
	ertificate 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.

CAPACITY CLAIMED BY SIGNER State of California) (X) individual signing for County of Santa Clara)

may 21,2019 _, before me, Katherine G. Stofer appeared Akella Sastry, 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	5/30/2019.	
		Mixathan
		Vinod K. Kathail

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 30, 2019</u>, before me, <u>Katherine 9. Stofer</u>, Notary Public, personally appeared <u>Vinod K. Kathail</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.

Signature of Notaly Public

KATHERINE G. STOFER
Commission # 2111248
Notary Public - California
Santa Clara County
My Comm. Expires Jun 2, 2019

Executed on Maren ...

5/3///9 L. James Hwang

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 Santa Clara

CAPACITY CLAIMED BY SIGNER
(X) individual signing for oneself

On May 31, 2019, before me, Latherine G. Sto fer, Notary Public, personally appeared L. James Hwang, 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

KATHERINE G. STOFER
Commission # 2111248
Notary Public - California
Santa Clara County
My Comm. Expires Jun 2, 2019

Executed on $05/06/19$.	Shail Aditya Gupta
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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 Santa Clara

CAPACITY CLAIMED BY SIGNER
(X) individual signing for oneself

On May 6, 2019, before me Susa Wicos, Notary Public, personally appeared Shail Aditya Gupta, 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

SUSAN WIENS
Notary Public – California
Santa Clara County
Commission # 2216322
My Comm. Expires Oct 27, 2021

Executed on 22 May 2019	Jan 23° 38
	Vidhumouli Hunsigida
(1) WITNESS my hand APPA RAO NA [Printed Name]	<u>4L)</u>
Ch Appa Love	92 May 91019
Signature	22 May 2019 Date
(2) WITNESS my hand CHATTANYA [Printed Name]	KAMARAPU
	99 May 2019
Co. Chirty	Date f
Executed on 22 nd may 119	Siddarth Refe
	Siddarth/Kela
(1) WITNESS my hand Praveen Kumar [Printed Name]	Vempati'
V. Pravey Kum	22-05-2019
Signature	Date
(2) WITNESS my hand <u>DEVI VARA PRAS</u> [Printed Name]	<u>sad</u> Bandaru
Ponsad	22-05-2019
Signature	Date

ASSIGNMENT

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

	Akella Sastry	of 1567 Calle de Stu	arda, San Iose, CA 95118	
	Vinod Kathail		Court, Palo Alio, CA 94306	
	L. James Hwang		, Portola Valley, CA 94025	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Shail Aditya Gupta		vle, San Jose, CA 95136	***************************************
	Vidhumouli Hunsigida		Society, Hyderabad, TS 500019.	budia
Siddharta Rele	' Siddarth Rele		p Albela Hanuman Mandir, Cl	
Initial S	27.111.0040400000000000000000000000000000	Navi Mumbai, MH	•	NY DEGREEOT
		raskr hamanar' mira	Bannois, mana	
Date OSI	hereby sell, assign and tra	lifornia 95124, its success	laware corporation, having a pl sors and assigns, the entire righ:	
			OW WITH HIGH-LEVEL SYNT PROGRAMMABLE DEVICES	HESIS FOR
	all patent applications at continuations and extension I/we authorize the above to claim all rights of prior useful in connection with possible to aid said assign and enforcing patents for and Trademarks to issue a	nd patents of every cour ons thereof, and all rights - -named assignee to apply rity without further autho a said United States and nee, its successors, assigns - said invention in all cour	upplication on or about the date stry for said invention, includ- of primity resulting from the fili- for patents of foreign countries rization from me/us; I/we agre- foreign applications, and gene and nominees, at its request an otries; and I/we request the Co I invention to the above-named	ing divisions, reissues, ing of said applications; for said invention, and ee to execute all papers trally to do everything dexpense, in obtaining commissioner of Patents
	and assigns.			
	Executed on May 2	1,2019		ans
	3 miles		Akella Sastry	
	8 7 3 8 7 3 3 3			
1 1904. s	A notary public or other offici document to which this certif	er completing this certificate licate is atteched, and not the	verifies only the identity of the indiversity of the indiversity of ruthfulness, accuracy, or validity	ridual who signed the of that document.
	State of <u>California</u>		CAPACITY CLAIME	TO BY SIGNED
	State or Charles Ha	mak.	(X) individual s	
	County of Santa Clara	.}.	pneself	.87.67.8 7.27
	On May 21, 20 appeared <u>Akella Sastry</u> , v name(s) is/are subscribed the same in his/her/th	/// before me, K vho proved to me on the b d to the within instrument eir authorized capacity(thuring G. Swift No. asis of satisfactory evidence to tand acknowledged to me that less) and that by his/her/the person(s)	the/she/they executed for signature(s) on the
	i certify under PENALTY paragraph is true and cor		laws of the State of Califor	nia that the foregoing
	WITNESS my hand	d and official seal.	I ASSESSMENT KATH	ACANA A A A A A A A A A A A A A A A A A
	KSto		Sales	y Public - California nta Clara County nn Expires Jun 2, 2019 \$
	Signature of Nota	ana Priblic		

Signed in Counterpart			ι	Bocket No. X-5676 US
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			ng Ay. Mangrapa	
(1) WITNESS my hand	A-ppA RAO N. [Printed Name]	ALI		
Uspan	Q _D	22 May	2019	
Signature		Date		
(2) WITNESS my hand	CHATTANYA [Printed Name]			
<u>لىتىن. دا</u>	cys.	22 Ma	y 2019	
Signature	Cy.	Date	U	
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(1) WITNESS my hand	Praves Kumer [Printed Name]	Vempati		
V. Prow	enkumit	22-6	15-2019	
Signature		Date		
(2) WITNESS my hand	DEVI <u>VARA PRA</u> [Printed Name]	SAD BANI	DARU	

82-05-2019 Date

> PATENT REEL: 057784 FRAME: 0035

RECORDED: 10/13/2021

Lyn2od Signature