

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6732561

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FANGQING DU	05/12/2021
ALAIN DARTE	05/13/2021
ALEXANDRE ISOARD	05/11/2021
HEM C. NEEMA	05/13/2021
LIN-YA YU	05/12/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	XILINX, INC.
<b>Street Address:</b>	2100 LOGIC DRIVE
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95124
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17331835
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(561)423-9297
<i>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.</i>	
<b>Phone:</b>	5618017700
<b>Email:</b>	xilinxpatent@iplawpro.com
<b>Correspondent Name:</b>	CUENOT, FORSYTHE & KIM, LLC
<b>Address Line 1:</b>	20283 STATE ROAD 7
<b>Address Line 2:</b>	STE. 300
<b>Address Line 4:</b>	BOCA RATON, FLORIDA 33498
<b>ATTORNEY DOCKET NUMBER:</b>	X-6457 US (8131-0554)
<b>NAME OF SUBMITTER:</b>	KEVIN T. CUENOT
<b>SIGNATURE:</b>	/Kevin T. Cuenot/
<b>DATE SIGNED:</b>	05/27/2021
<b>Total Attachments: 8</b>	

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ASSIGNMENT

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

1)	Fangqing Du 2276 Sun Glory Ln Unit A San Jose, CA 95124	2)	Alain Darte 42, rue Saint Jean Lyon, France 69005
3)	Alexandre Isoard 4874 Lakebird Ct. San Jose, CA 95124	4)	Hem C. Neema 4536 Blackford Avenue San Jose, CA 95129
5)	Lin-Ya Yu 291 PALM RIDGE LANE San Jose, CA 95123		

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

HIGH-LEVEL SYNTHESIS IMPLEMENTATION OF DATA STRUCTURES IN HARDWARE

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.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Fangqing Du

2) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Alain Darte

3) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Alexandre Isoard



ASSIGNMENT

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3)	Alexandre Isoard 4874 Lakebird Ct. San Jose, CA 95124	4)	Hem C. Neema 4536 Blackford Avenue San Jose, CA 95129
5)	Lin-Ya Yu 291 PALM RIDGE LANE San Jose, CA 95123		

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HIGH-LEVEL SYNTHESIS IMPLEMENTATION OF DATA STRUCTURES IN HARDWARE

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Alain Darte

3) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Alexandre Isoard

4) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Hem C. Neema

5) Lin-Ya Yu \_\_\_\_\_ (DATE) 2021/05/12  
Lin-Ya Yu

ASSIGNMENT

DocId No. X-64457 133 (8/131-0553)

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

1) Fengqing Du 2276 San Geronimo Unit A San Jose, CA 95124	2) Alain Darte 42 rue Saint Jean Lyon, France 69005
3) Alexandre Isard 4874 Lakeland Ct. San Jose, CA 95124	4) Ken C. Meema 4136 Blackford Avenue San Jose, CA 95129
5) Liu Ya Yu 291 PALMROCK LANE San Jose, CA 95123	

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 and to our inventions

HIGH-LEVEL SYNTHESIS REPRESENTATION OF DATA STRUCTURES IN HARDWARE

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, continuations, amendments 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/we; I/we agree to execute all papers needed 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.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below:

1) \_\_\_\_\_ (DATE)

Fengqing Du

2)  \_\_\_\_\_ (DATE) 04/13/2001

Alain Darte

3) \_\_\_\_\_ (DATE)

Alexandre Isard

ASSIGNMENT

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1)	Fangqing Du 2276 Sun Glory Ln Unit A San Jose, CA 95124	2)	Alain Darte 42, rue Saint Jean Lyon, France 69005
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Alain Darte

3)  \_\_\_\_\_ (DATE) 05/11/2021  
Alexandre Isoard



4) \_\_\_\_\_(DATE)\_\_\_\_\_  
Hem C. Neema

5) \_\_\_\_\_(DATE)\_\_\_\_\_  
Lin-Ya Yu

ASSIGNMENT

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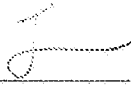
1)	Fangqing Du 2276 Sun Glory Ln Unit A San Jose, CA 95124	2)	Alain Darté 42, rue Saint Jean Lyon, France 69005
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Alain Darté

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Alexandre Isoard