

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6766233

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SATISH SIVASWAMY	06/03/2021
ASHOT SHAKHKYAN	06/03/2021
NITIN DESHMUKH	06/03/2021
GARIK MKRTCHYAN	06/03/2021
GUENTER STENZ	06/03/2021
BHASKER PINNINTI	06/03/2021
<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>
Application Number:	17339232
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)371-4613
<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>	4088796539
<b>Email:</b>	jschon@pattersonsheridan.com, psdocketing@pattersonsheridan.com
<b>Correspondent Name:</b>	XILINX, INC.
<b>Address Line 1:</b>	2100 LOGIC DRIVE
<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95124
<b>ATTORNEY DOCKET NUMBER:</b>	X-6538 US
<b>NAME OF SUBMITTER:</b>	KEITH TABOADA
<b>SIGNATURE:</b>	/Keith Taboada/
<b>DATE SIGNED:</b>	06/16/2021

**Total Attachments: 6**

source=X-6538 US Executed Assignment#page1.tif

source=X-6538 US Executed Assignment#page2.tif

source=X-6538 US Executed Assignment#page3.tif

source=X-6538 US Executed Assignment#page4.tif

source=X-6538 US Executed Assignment#page5.tif

source=X-6538 US Executed Assignment#page6.tif

ASSIGNMENT

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

1)	Satish SIVASWAMY 34742 Gladstone Pl Fremont, California 94555	2)	Ashot SHAKHKYAN 18 Chekhov St. Yerevan 0039 ARMENIA
3)	Nitin DESHMUKH 13788 195th Dr SE Monroe, Washington 98272	4)	Garik MKRTCHYAN 1407 Hardy Place Fremont, California 94536
5)	Guenter STENZ 8440 Brittany Place Niwot, Colorado 80503	6)	Bhasker PINNINTI 1977 Heimgartner Lane Apt 37 San Jose, California 95124

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

DISTRIBUTED PARALLEL PROCESSING ROUTING

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) 06/03/2021 (DATE) Satish  
Satish SIVASWAMY

2) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Ashot SHAKHKYAN

3) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Nitin DESHMUKH

4) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Garik MKRTCHYAN

5) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Guenter STENZ

6) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Bhasker PINNINTI

ASSIGNMENT

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

1)	Satish SIVASWAMY 34742 Gladstone Pl Fremont, California 94555	2)	Ashot SHAKHKYAN 18 Chekhov St. Yerevan 0039 ARMENIA
3)	Nitin DESHMUKH 13788 195th Dr SE Monroe, Washington 98272	4)	Garik MKRTCHYAN 1407 Hardy Place Fremont, California 94536
5)	Guenter STENZ 8440 Brittany Place Niwot, Colorado 80503	6)	Bhasker PINNINTI 1977 Heimgartner Lane Apt 37 San Jose, California 95124

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

## DISTRIBUTED PARALLEL PROCESSING ROUTING

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) \_\_\_\_\_  
Satish SIVASWAMY

2) 6/3/2021 (DATE) *Ashot*  
Ashot SHAKHKYAN

3) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Nitin DESHMUKH

4) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Garik MKRTCHYAN

5) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Guenter STENZ

6) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Bhasker PINNINTI

ASSIGNMENT

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

1)	Satish SIVASWAMY 34742 Gladstone Pl Fremont, California 94555	2)	Ashot SHAKHKYAN 18 Chekhov St. Yerevan 0039 ARMENIA
3)	Nitin DESHMUKH 13788 195th Dr SE Monroe, Washington 98272	4)	Garik MKRTCHYAN 1407 Hardy Place Fremont, California 94536
5)	Guenier STENZ 8440 Brittany Place Niwot, Colorado 80503	6)	Bhasker PINNINTI 1977 Heimgartner Lane Apt 37 San Jose, California 95124

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

DISTRIBUTED PARALLEL PROCESSING ROUTING

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) \_\_\_\_\_  
Satish SIVASWAMY

2) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Ashot SHAKHKYAN

3) 06/03/2021 (DATE) Nitin Deshmukh  
Nitin DESHMUKH

4) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Garik MKRTCHYAN

5) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Guenier STENZ

6) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Bhasker PINNINTI

ASSIGNMENT

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

1)	Satish SIVASWAMY 34742 Gladstone Pl Fremont, California 94555	2)	Ashot SHAKHKYAN 18 Chekhov St. Yerevan 0039 ARMENIA
3)	Nitin DESHMUKH 13788 195th Dr SE Monroe, Washington 98272	4)	Garik MKRTCHYAN 1407 Hardy Place Fremont, California 94536
5)	Guenter STENZ 8440 Brittany Place Niwot, Colorado 80503	6)	Bhasker PINNINTI 1977 Heimgartner Lane Apt 37 San Jose, California 95124

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

## DISTRIBUTED PARALLEL PROCESSING ROUTING

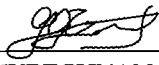
for which I/we will execute a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing 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) \_\_\_\_\_  
Satish SIVASWAMY

2) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Ashot SHAKHKYAN

3) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Nitin DESHMUKH

4) 6/3/2021 (DATE)  \_\_\_\_\_  
Garik MKRTCHYAN

5) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Guenter STENZ

6) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Bhasker PINNINTI

ASSIGNMENT

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

1)	Satish SIVASWAMY 34742 Gladstone Pl Fremont, California 94555	2)	Ashot SHAKHKYAN 18 Chekhov St. Yerevan 0039 ARMENIA
3)	Nitin DESHMUKH 13788 195th Dr SE Monroe, Washington 98272	4)	Garik MKRTCHYAN 1407 Hardy Place Fremont, California 94536
5)	Guenther STENZ 8440 Brittany Place Niwot, Colorado 80503	6)	Bhasker PINNINTI 1977 Heimgartner Lane Apt 37 San Jose, California 95124

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

## DISTRIBUTED PARALLEL PROCESSING ROUTING

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) \_\_\_\_\_  
Satish SIVASWAMY
- 2) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Ashot SHAKHKYAN
- 3) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Nitin DESHMUKH
- 4) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Garik MKRTCHYAN
- 5) 6/3/21 (DATE) *Guenther Stenz*  
Guenther STENZ
- 6) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Bhasker PINNINTI

ASSIGNMENT

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

1) Satish SIVASWAMY 34742 Gladstone Pl Fremont, California 94555	2) Ashot SHAKHKYAN 18 Chekhov St. Yerevan 0039 ARMENIA
3) Nitin DESHMUKH 13788 195th Dr SE Monroe, Washington 98272	4) Garik MKRTCHYAN 1407 Hardy Place Fremont, California 94536
5) Guenter STENZ 8440 Brittany Place Niwot, Colorado 80503	6) Bhasker PINNINTI 1977 Heimgartner Lane Apt 37 San Jose, California 95124

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

DISTRIBUTED PARALLEL PROCESSING ROUTING

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) \_\_\_\_\_  
Satish SIVASWAMY

2) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Ashot SHAKHKYAN

3) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Nitin DESHMUKH

4) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Garik MKRTCHYAN

5) \_\_\_\_\_ (DATE) \_\_\_\_\_  
Guenter STENZ

6) 6/3/2021 (DATE) *Baeh-f*  
Bhasker PINNINTI

XILINX INTERNAL

PATENT