

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5933755

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN MCGRATH	01/13/2020
WOON WONG	11/20/2019
JOHN O'DWYER	01/13/2020
PAUL NEWSON	01/13/2020
BRENDAN FARLEY	01/14/2020
<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:	16682818
<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>	nsavoca@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-6188 US
<b>NAME OF SUBMITTER:</b>	KEITH TABOADA
<b>SIGNATURE:</b>	/Keith Taboada/
<b>DATE SIGNED:</b>	01/28/2020
<b>Total Attachments: 4</b>	
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ASSIGNMENT

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

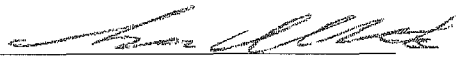
<u>John McGrath</u>	of	<u>Cahergaul, Burncourt, Cahir, Co.; Tipperary; IRELAND</u>
<u>Woon Wong</u>	of	<u>4750 Travertino Street; Dublin, California 94568</u>
<u>John O'Dwyer</u>	of	<u>66 Leinster Wood, Carton Demesne; Maynooth, Co.; Kildare W23 N6D9; IRELAND</u>
<u>Paul Newson</u>	of	<u>52 Rue de Thiverval, Beynes; 78650 Yvelines; FRANCE</u>
<u>Brendan Farley</u>	of	<u>30 Eden Grove, Donabate, Co.; Dublin; IRELAND</u>

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 entitled

PROGRAMMABLE DEVICE HAVING HARDENED CIRCUITS FOR PREDETERMINED DIGITAL SIGNAL PROCESSING FUNCTIONALITY

and filed on November 13, 2019 as U.S. patent application Serial No. 16/682,818, 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.

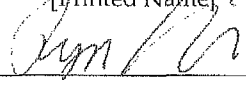
Executed on 13 - JAN - 2020

  
John McGrath

(1) WITNESS my hand ALI BOUMAALIF  
[Printed Name]

 13 - JAN - 2020  
Signature Date

(2) WITNESS my hand SHAN KINVERK  
[Printed Name]

 13 - JAN - 2020  
Signature Date

Executed on 11-20-19

[Signature]  
Woon Wong

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 California )  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
(X) individual signing for oneself

On Nov. 20, 2019, before me, Woon Wong, Notary Public, personally appeared Woon Wong, 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]  
Signature of Notary Public

Executed on \_\_\_\_\_

[Signature]  
John O'Dwyer

(1) WITNESS my hand \_\_\_\_\_  
[Printed Name]

Signature \_\_\_\_\_ Date \_\_\_\_\_

(2) WITNESS my hand \_\_\_\_\_  
[Printed Name]

Signature \_\_\_\_\_ Date \_\_\_\_\_

Woon Wong

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.

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County of Santa Clara )

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(X) individual signing for oneself

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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 JAN 13, 2020

John O'Dwyer  
John O'Dwyer

(1) WITNESS my hand CHRISTOPH ERDMANN  
[Printed Name]

[Signature] 13<sup>th</sup> January 2020  
Signature Date

(2) WITNESS my hand PENG LIM  
[Printed Name]

[Signature] 13 - JAN - 2020  
Signature Date

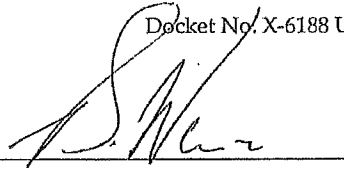
Executed on \_\_\_\_\_

\_\_\_\_\_  
Paul Newson

Signed in Counterpart

Docket No. X-6188 US

Executed on 13<sup>th</sup> January 2020



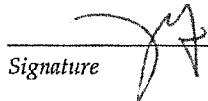
Paul Newson

(1) WITNESS my hand Sylvain BERTRAND  
[Printed Name]

  
Signature

January 14<sup>th</sup>, 2020  
Date

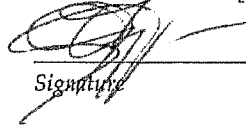
(2) WITNESS my hand BE JOEMAR GABAYERA  
[Printed Name]

  
Signature

Jan 14, 2020  
Date

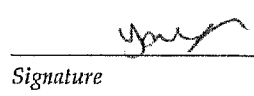
Executed on 14<sup>th</sup> January, 2020 Brendan Farley  
Brendan Farley

(1) WITNESS my hand Oleh Krutko  
[Printed Name]

  
Signature

15/01/2020  
Date

(2) WITNESS my hand IONAT CICAL  
[Printed Name]

  
Signature

15.01.2020  
Date