PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6080853

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| ABBAS MORSHED | 03/22/2020 |
| YGAL ARBEL | 03/26/2020 |
| EUN MI KIM | 03/26/2020 |

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: | 16830142 | | |

CORRESPONDENCE DATA

Fax Number: (408)371-4613

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: 4088796539

Email: nsavoca@pattersonsheridan.com,

psdocketing@pattersonsheridan.com

Correspondent Name: XILINX, INC.

Address Line 1: 2100 LOGIC DRIVE

Address Line 4: SAN JOSE, CALIFORNIA 95124

| ATTORNEY DOCKET NUMBER: | X-6194 US |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | KEITH TABOADA |
| SIGNATURE: | /KEITH TABOADA/ |
| DATE SIGNED: | 04/27/2020 |

Total Attachments: 3

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PATENT 506034138 REEL: 052509 FRAME: 0118

ASSIGNMENT

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

| 1) | Abbas MORSHED | 6. | Ygal ARBEL |
|----|-----------------------------|----|-------------------------------|
| | 1315 Oak Avenue | 2) | 16870 Malbec Drive |
| | Los Altos, California 94024 | | Morgan Hill, California 95037 |
| 3) | Eun Mi KIM | | |
| | 1574 Willowdale Drive | | |
| | San Jose, California 95118 | | |

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

NOC RELAXED WRITE ORDER SCHEME

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) | 3/22/2020 (DATE) | Abbas MORSHED |
|----|------------------|---------------|
| 2) | (DATE) | Ygal ARBEL |
| 3) | (DATE) | Eun Mi KIM |

PATENT REEL: 052509 FRAME: 0119

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

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|----------------------------|-----------------------|------------|-------------------------------|--------------------|---------------|
| San Jose, California 95118 | 1574 Willowdale Drive | Eun Mi KIM | Los Altos, California 94024 | 1315 Oak Avenue | Abbas MORSHED |
| | | | | Ž | 2 |
| | | | Morgan Hill, California 95037 | 16870 Malbec Drive | Ygal ARBEL |

interest throughout the world in my/our invention 2100 Logic Drive, San Jose, California 95124, its successors and assigns, the entire right, title and hereby sell, assign and transfer to Xilinx, Inc., a Delaware corporation, having a place of business at

NOC RELAXED WRITE ORDER SCHEME

named assignee, its successors and assigns. expense, in obtaining and enforcing patents for said invention in all countries; and I/we request the to do everything possible to aid said assignee, its successors, assigns and nominees, at its request and execute all papers useful in connection with said United States and foreign applications, and generally invention, and to claim all rights of priority without further authorization from me/us; I/we agree to applications; I/we authorize the above-named assignee to apply for patents of foreign countries for said reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said and all patent applications and patents of every country for said invention, including divisions, for which I/we will execute a United States patent application on or about the date of this assignment, Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-

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

(DATE)

3/26/2020
(DATE)

Yga ARBI

Yga ARBI

(DATE)

Eun Mi KIM

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> PATENT REEL: 052509 FRAME: 0120

ASSIGNMENT

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

| 1) | Abbas MORSHED | 2) | Ygal ARBEL |
|-----------------------------------|-----------------------------|----|-------------------------------|
| $\begin{vmatrix} 1 \end{vmatrix}$ | 1315 Oak Avenue | | 16870 Malbec Drive |
| | Los Altos, California 94024 | | Morgan Hill, California 95037 |
| 3) | Eun Mi KIM | | |
| | 1574 Willowdale Drive | | |
| | San Jose, California 95118 | | |

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

NOC RELAXED WRITE ORDER SCHEME

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.

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

| 1) | (DATE) | |
|----|-----------------|---------------|
| ŕ | , , | Abbas MORSHED |
| | | |
| 2) | (DATE) | VI ADDEL |
| | | Ygal ARBEL |
| | | - AA |
| 3) | 03/26/20 (DATE) | |
| , | , , , = (====) | Eun Mi KIM |

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