

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3107578

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|---|----------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| JORGE E. CARRILLO | 11/12/2014 |
| L. JAMES HWANG | 11/05/2014 |
| HUA SUN | 11/05/2014 |
| SUNDARARAJARAO MOHAN | 11/05/2014 |
| VINOD K. KATHAIL | 11/04/2014 |
| 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: | 14540854 |
| CORRESPONDENCE DATA | |
| Fax Number: | (408)377-6137 |
| <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> | |
| Phone: | 408-879-4185 |
| Email: | xilinxipl@xilinx.com |
| Correspondent Name: | XILINX, INC. |
| Address Line 1: | 2100 LOGIC DR |
| Address Line 2: | ATTN: LEGAL DEPT |
| Address Line 4: | SAN JOSE, CALIFORNIA 95124 |
| ATTORNEY DOCKET NUMBER: | X-4504 US |
| NAME OF SUBMITTER: | KATHERINE STOFER |
| SIGNATURE: | /Katherine Stofer/ |
| DATE SIGNED: | 11/13/2014 |
| Total Attachments: 3 | |
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ASSIGNMENT

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

| | |
|-----------------------------|---|
| <u>Jorge E. Carrillo</u> | of <u>2240 Hendy Lane, San Jose, CA 95124</u> |
| <u>L. James Hwang</u> | of <u>231 Gabarda Way, Portola Valley, CA 94028</u> |
| <u>Hua Sun</u> | of <u>1641 Corte De Anna, San Jose, CA 95124</u> |
| <u>Sundararajaram Mohan</u> | of <u>510 Kinross Court, Sunnyvale, CA 94087</u> |
| <u>Vinod K. Kathail</u> | of <u>4155 King Arthur Court, Palo Alto, CA 94306</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

COMPILATION OF HLL CODE WITH HARDWARE ACCELERATED FUNCTIONS

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 this 12 day of NOVEMBER, 2014.

JORGE ERNESTO CARRILLO
Jorge E. Carrillo

State of California)
County of Santa Clara)

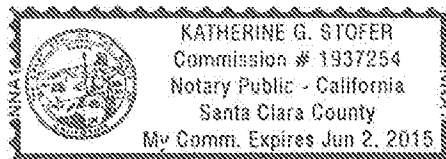
CAPACITY CLAIMED BY SIGNER
 individual signing for oneself

On November 12, 2014, before me, Katherine G. Stofer, Notary Public, personally appeared Jorge E. Carrillo, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in he authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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.

KG Stofer
Signature of Notary Public



Executed this 5th day of November, 2014.

[Signature]
L. James Hwang

State of California)
County of Santa Clara)

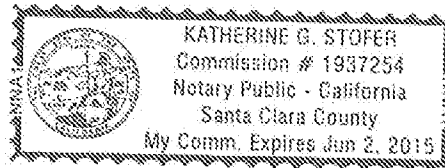
CAPACITY CLAIMED BY SIGNER
(X) individual signing for oneself

On November 5, 2014, before me, Katherine G. Stofer, Notary Public, personally appeared L. James Hwang, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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 this 5th day of November, 2014.

[Signature]
Hua Sun

State of California)
County of Santa Clara)

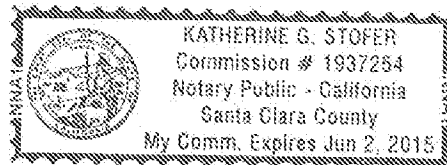
CAPACITY CLAIMED BY SIGNER
(X) individual signing for oneself

On November 5, 2014, before me, Katherine G. Stofer, Notary Public, personally appeared Hua Sun, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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 this 5th day of November, 2014.

[Signature]
Sundararajaram Mohan

State of California)
County of Santa Clara)

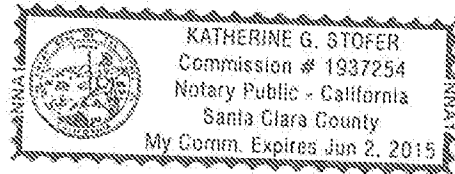
CAPACITY CLAIMED BY SIGNER
(X) individual signing for oneself

On November 5, 2014, before me, Katherine G. Stofer, Notary Public, personally appeared Sundararajaram Mohan, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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 this 4 day of November, 2014.

[Signature]
Vinod K. Kathail

State of California)
County of Santa Clara)

CAPACITY CLAIMED BY SIGNER
(X) individual signing for oneself

On November 4, 2014, before me, Katherine G. Stofer, Notary Public, personally appeared Vinod K. Kathail, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in he authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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

