

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:   | NEW ASSIGNMENT             |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
|--|----------------------------|---------------|----------------|---------------------|------------------|----------------------|------------|-----------------------|------------|------------------|------------|----------------|------------|-------------------|------------|------------------|------------|--------------------|------------|
| NATURE OF CONVEYANCE:  | ASSIGNMENT                 |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| CONVEYING PARTY DATA   |                            |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Edward S. Peterson</td> <td>02/20/2013</td> </tr> <tr> <td>Roger D. Flateau Jr.</td> <td>02/20/2013</td> </tr> <tr> <td>James D. Wesselkamper</td> <td>02/20/2013</td> </tr> <tr> <td>Steven E. McNeil</td> <td>02/20/2013</td> </tr> <tr> <td>Jason J. Moore</td> <td>02/20/2013</td> </tr> <tr> <td>Lester S. Sanders</td> <td>02/20/2013</td> </tr> <tr> <td>Lawrence C. Hung</td> <td>02/20/2013</td> </tr> <tr> <td>Yatharth K. Kochar</td> <td>02/20/2013</td> </tr> </tbody> </table> |                            | Name          | Execution Date | Edward S. Peterson  | 02/20/2013       | Roger D. Flateau Jr. | 02/20/2013 | James D. Wesselkamper | 02/20/2013 | Steven E. McNeil | 02/20/2013 | Jason J. Moore | 02/20/2013 | Lester S. Sanders | 02/20/2013 | Lawrence C. Hung | 02/20/2013 | Yatharth K. Kochar | 02/20/2013 |
| Name   | Execution Date             |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| Edward S. Peterson   | 02/20/2013                 |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| Roger D. Flateau Jr.   | 02/20/2013                 |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| James D. Wesselkamper  | 02/20/2013                 |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| Steven E. McNeil   | 02/20/2013                 |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| Jason J. Moore   | 02/20/2013                 |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| Lester S. Sanders  | 02/20/2013                 |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| Lawrence C. Hung   | 02/20/2013                 |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| Yatharth K. Kochar   | 02/20/2013                 |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| RECEIVING PARTY DATA   |                            |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| <table border="1"> <tr> <td>Name:</td> <td>XILINX, INC.</td> </tr> <tr> <td>Street Address:</td> <td>2100 LOGIC DRIVE</td> </tr> <tr> <td>City:</td> <td>SAN JOSE</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95124</td> </tr> </table>   |                            | Name:         | XILINX, INC.   | Street Address:     | 2100 LOGIC DRIVE | City:                | SAN JOSE   | State/Country:        | CALIFORNIA | Postal Code:     | 95124      |                |            |                   |            |                  |            |                    |            |
| Name:  | XILINX, INC.               |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| Street Address:  | 2100 LOGIC DRIVE           |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| City:  | SAN JOSE                   |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| State/Country:   | CALIFORNIA                 |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| Postal Code:   | 95124                      |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| PROPERTY NUMBERS Total: 1  |                            |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13775151</td> </tr> </tbody> </table>  |                            | Property Type | Number         | Application Number: | 13775151         |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| Property Type  | Number                     |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| Application Number:  | 13775151                   |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| CORRESPONDENCE DATA  |                            |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| Fax Number:  | 4083776137                 |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |                            |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| Phone:   | 408-879-5216               |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |
| Email:   | xilinxpl@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 |               |                |                     |                  |                      |            |                       |            |                  |            |                |            |                   |            |                  |            |                    |            |

CH \$40.00 13775151

|   |             |
|---|-------------|
| ATTORNEY DOCKET NUMBER:   | X-4120 US   |
| NAME OF SUBMITTER:  | Susan Wiens |
| <p>Total Attachments: 8</p> <p>source=X_4120_US_Assign_eFiled#page1.tif</p> <p>source=X_4120_US_Assign_eFiled#page2.tif</p> <p>source=X_4120_US_Assign_eFiled#page3.tif</p> <p>source=X_4120_US_Assign_eFiled#page4.tif</p> <p>source=X_4120_US_Assign_eFiled#page5.tif</p> <p>source=X_4120_US_Assign_eFiled#page6.tif</p> <p>source=X_4120_US_Assign_eFiled#page7.tif</p> <p>source=X_4120_US_Assign_eFiled#page8.tif</p> |             |

ASSIGNMENT

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


|                       |    |  |
|-----------------------|----|--|
| Edward S. Peterson    | of | 2004 Paseo de la Villa SE, Rio Rancho, NM 87124                              |
| Roger D. Flateau, Jr. | of | 2881 Meridian Avenue # 110, San Jose, CA 95124                               |
| James D. Wesselkamper | of | 625 La Jolla Place NE, Albuquerque, NM 87123                                 |
| Steven E. McNeil      | of | 6375 Crow Road, Rio Rancho, NM 87144   |
| Jason J. Moore        | of | 9021 Oakland Avenue, Albuquerque, NM 87122                                   |
| Lester S. Sanders     | of | 1204 Marquette Place, Albuquerque, NM 87106                                  |
| Lawrence C. Hung      | of | 1192 Crestline Drive, <del>San Jose, CA 95034</del> Cupertino, CA 95014      |
| Yatharth K. Kochar    | of | Flat No. 307, Block 2A, SMR Vinay City, Miyapur, Hyderabad, AP 500049, India |

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

## SECURING A SYSTEM-ON-CHIP

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 20 day of February, 2013.

  
Edward S. Peterson

State of New Mexico

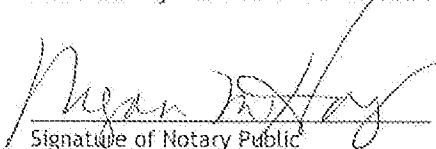
County of Bernalillo

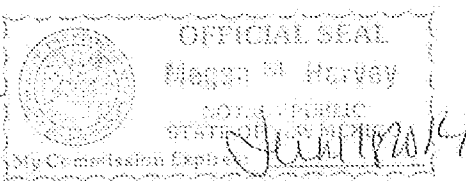
CAPACITY CLAIMED BY SIGNER

(X) individual signing for  
oneself

On Feb 20 2013, before me, Megan M. Harvey, Notary Public, personally appeared Edward S. Peterson, 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.

WITNESS my hand and official seal.

  
Signature of Notary Public



Executed this 20 day of February, 2013.Roger D. Flateau, Jr.  
Roger D. Flateau, Jr.State of California )County of Santa Clara )

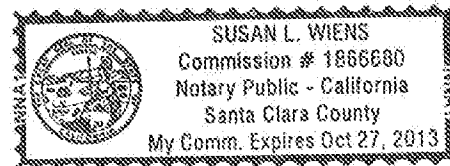
## CAPACITY CLAIMED BY SIGNER

(X) individual signing for  
oneself

On February 20, 2013, before me, Susan L. Wiens, Notary Public, personally appeared Roger D. Flateau, Jr., 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.

Susan L. Wiens  
Signature of Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

James D. WesselkamperState of New Mexico )

County of \_\_\_\_\_ )

## CAPACITY CLAIMED BY SIGNER

(X) individual signing for  
oneself

On \_\_\_\_\_, before me, \_\_\_\_\_, Notary Public, personally appeared James D. Wesselkamper, 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.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

Roger D. Flateau, Jr.State of California )County of Santa Clara )

CAPACITY CLAIMED BY SIGNER

(X) individual signing for  
oneself

On \_\_\_\_\_, before me, Susan L. Wiens, Notary Public, personally appeared Roger D. Flateau, Jr., 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.

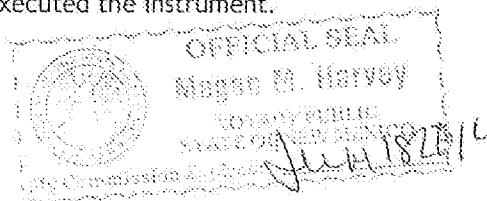
Signature of Notary PublicExecuted this 20 day of February, 2013.James D. WesselkamperState of New Mexico )County of Bernalillo )

CAPACITY CLAIMED BY SIGNER

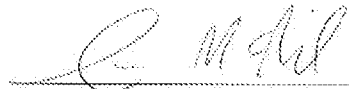
(X) individual signing for  
oneself

On Feb 20 2013, before me, Myron M. Harvey, Notary Public, personally appeared James D. Wesselkamper, 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.

WITNESS my hand and official seal.

Signature of Notary Public

Executed this 20 day of February, 2013.

  
 Steven E. McNeil

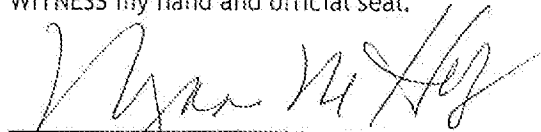
State of New Mexico )County of Bernalillo )

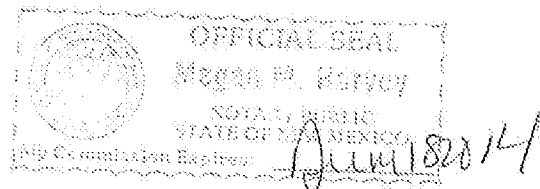
CAPACITY CLAIMED BY SIGNER

(X) individual signing for  
oneself

On Feb 20 2013, before me, Megan M. Henry Notary Public, personally appeared Steven E. McNeil, 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.

WITNESS my hand and official seal.

  
 Signature of Notary Public



Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
 Jason J. Moore

State of New Mexico )County of Belen )

CAPACITY CLAIMED BY SIGNER

(X) individual signing for  
oneself

On \_\_\_\_\_, before me, \_\_\_\_\_, Notary Public, personally appeared Jason J. Moore, 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.

WITNESS my hand and official seal.

\_\_\_\_\_  
 Signature of Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

Steven E. McNeilState of New Mexico )

County of \_\_\_\_\_ )

CAPACITY CLAIMED BY SIGNER  
(X) individual signing for  
oneself

On \_\_\_\_\_, before me, \_\_\_\_\_, Notary Public, personally appeared Steven E. McNeil, 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.

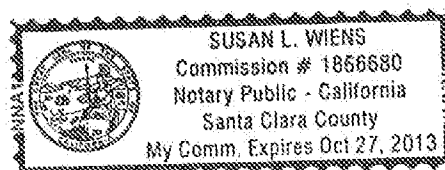
WITNESS my hand and official seal.

Signature of Notary PublicExecuted this 20 day of February, 2013.Jason J. MooreState of California )County of Santa Clara )CAPACITY CLAIMED BY SIGNER  
(X) individual signing for  
oneself

On February 20, 2013, before me, Susan L. Wiens, Notary Public, personally appeared Jason J. Moore, 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.

Susan L. Wiens  
Signature of Notary Public

Signed in Counterpart

Docket No. X-4120 US

Executed this 20 day of February, 2013.

Lester S. Sanders  
Lester S. Sanders

State of New Mexico

County of Bernalillo

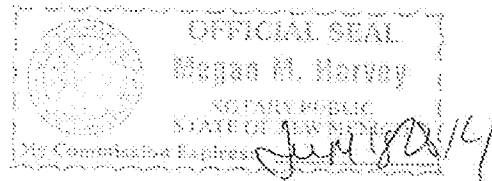
CAPACITY CLAIMED BY SIGNER

(X) individual signing for  
oneself

On 2/28/2013, before me, Megan M. Harvey, Notary Public, personally appeared Lester S. Sanders, 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.

WITNESS my hand and official seal.

Megan M. Harvey  
Signature of Notary Public



Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

Lawrence C. Hung  
Lawrence C. Hung

State of California

County of Santa Clara

CAPACITY CLAIMED BY SIGNER

(X) individual signing for  
oneself

On \_\_\_\_\_, before me, Susan L. Wiens, Notary Public, personally appeared Lawrence C. Hung, 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 of Notary Public



Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Lester S. SandersState of New Mexico )

County of \_\_\_\_\_ )

CAPACITY CLAIMED BY SIGNER  
(X) individual signing for  
oneself

On \_\_\_\_\_, before me, \_\_\_\_\_, Notary Public, personally appeared Lester S. Sanders, 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.

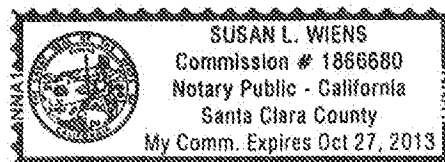
WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary PublicExecuted this 20 day of February, 2013.\_\_\_\_\_  
Lawrence C. HungState of California )County of Santa Clara )CAPACITY CLAIMED BY SIGNER  
(X) individual signing for  
oneself

On February 20, 2013, before me, Susan L. Wiens, Notary Public, personally appeared Lawrence C. Hung, 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.

\_\_\_\_\_  
Susan L. Wiens  
Signature of Notary Public

Executed this 20 day of FEBRUARY, 2013.

Y/Koch  
Yatharth K. Kochar

(1) WITNESS my hand MADHUBALA SHARMA  
[Printed Name]

Madhubala 20/2/13  
Signature Date

(2) WITNESS my hand NIRMALA PELLURI  
[Printed Name]

Nirmala 20/2/2013  
Signature Date