

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>Nihat E. Tunali</td> <td>01/24/2013</td> </tr> <tr> <td>Raghavendar M. Rao</td> <td>01/23/2013</td> </tr> <tr> <td>Raied N. Mazahreh</td> <td>01/22/2013</td> </tr> <tr> <td>Krishna R. Narayanan</td> <td>01/24/2013</td> </tr> </tbody> </table>		Name	Execution Date	Nihat E. Tunali	01/24/2013	Raghavendar M. Rao	01/23/2013	Raied N. Mazahreh	01/22/2013	Krishna R. Narayanan	01/24/2013
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<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
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 4083776137 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-879-5216 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</p>											
ATTORNEY DOCKET NUMBER:	X-3998 US										
NAME OF SUBMITTER:	Susan Wiens										
<p>Total Attachments: 4 source=X_3998_US_Assign_efiled#page1.tif source=X_3998_US_Assign_efiled#page2.tif source=X_3998_US_Assign_efiled#page3.tif source=X_3998_US_Assign_efiled#page4.tif</p>											

CH \$40.00 13752689

Signed in Counterpart

Docket No. X-3998 US

ASSIGNMENT

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

<u>Nihat E. Tunali</u>	of	<u>1700 Southwest Parkway, Apt. #118, College Station, TX 77840</u>
<u>Raghavendar M. Rao</u>	of	<u>1720 University Club Drive, Austin, TX 78732</u>
<u>Raied N. Mazahreh</u>	of	<u>165 Albion Village Way #106, Sandy, UT 84070</u>
<u>Krishna R. Narayanan</u>	of	<u>300 Ausburg Lane, College Station, TX 77845</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

PARITY CHECK MATRIX

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 24th day of January, 2013.


Nihat E. Tunali

State of Texas)

County of Brazos)

CAPACITY CLAIMED BY SIGNER

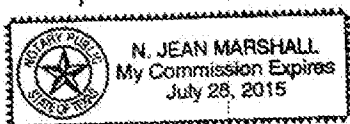
(X) individual signing for
oneself


On January 24, 2013, before me, N. Jean Marshall, Notary Public, personally appeared Nihat E. Tunali, 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



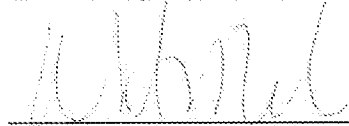
Executed this 23 day of January, 2013.
Raghavendar M. RaoState of Texas)

CAPACITY CLAIMED BY SIGNER

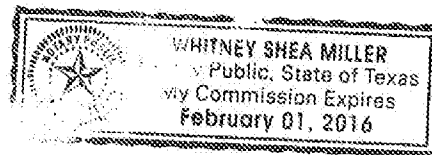

County of Travis)(X) individual signing for
oneself

On January 23, 2013, before me, Whitney Shea Miller, Notary Public, personally appeared Raghavendar M. Rao, 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 23 day of January, 2013.
Raied N. MazahrehState of Utah)

CAPACITY CLAIMED BY SIGNER

County of Salt Lake County)(X) individual signing for
oneself

On _____, before me, _____, Notary Public, personally appeared Raied N. Mazahreh, 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.

Raghavendar M. RaoState of Texas)

County of _____)

CAPACITY CLAIMED BY SIGNER
(X) individual signing for
oneself

On _____, before me, _____, Notary Public, personally appeared Raghavendar M. Rao, 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.

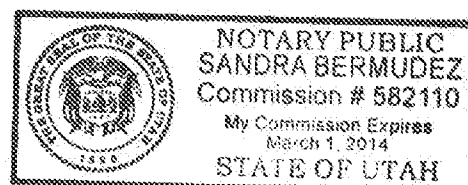
WITNESS my hand and official seal.

Signature of Notary PublicExecuted this 22nd day of January, 2013.Raied N. Mazahreh
Raied N. MazahrehState of Utah)County of Salt Lake)CAPACITY CLAIMED BY SIGNER
(X) individual signing for
oneself

On January 22nd, 2013, before me, Sandra Bermudez, Notary Public, personally appeared Raied N. Mazahreh, 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

PATENT

REEL: 029712 FRAME: 0589

Signed in Counterpart

Docket No. X-3998 US

Executed this 24th day of January, 2013.Krishna R. Narayanan
Krishna R. NarayananState of Texas)County of Brazos)

CAPACITY CLAIMED BY SIGNER

(X) individual signing for
oneself

On January 24, 2013, before me, N. Jean Marshall, Notary Public, personally appeared Krishna R. Narayanan, 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.

N. Jean Marshall
Signature of Notary Public