

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>Michael Wu</td> <td>01/25/2013</td> </tr> <tr> <td>Bei Yin</td> <td>01/25/2013</td> </tr> <tr> <td>Aida Vosoughi</td> <td>01/25/2013</td> </tr> <tr> <td>Christopher H. Dick</td> <td>01/24/2013</td> </tr> <tr> <td>Christoph E. Studer</td> <td>01/25/2013</td> </tr> <tr> <td>Joseph R. Cavallaro</td> <td>01/25/2013</td> </tr> </tbody> </table>		Name	Execution Date	Michael Wu	01/25/2013	Bei Yin	01/25/2013	Aida Vosoughi	01/25/2013	Christopher H. Dick	01/24/2013	Christoph E. Studer	01/25/2013	Joseph R. Cavallaro	01/25/2013
Name	Execution Date														
Michael Wu	01/25/2013														
Bei Yin	01/25/2013														
Aida Vosoughi	01/25/2013														
Christopher H. Dick	01/24/2013														
Christoph E. Studer	01/25/2013														
Joseph R. Cavallaro	01/25/2013														
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>13757084</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13757084										
Property Type	Number														
Application Number:	13757084														
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: 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</p>															
ATTORNEY DOCKET NUMBER:	X-4011 US														

NAME OF SUBMITTER:

Susan Wiens

Total Attachments: 5

source=X_4011_US_Assign_efiled#page1.tif

source=X_4011_US_Assign_efiled#page2.tif

source=X_4011_US_Assign_efiled#page3.tif

source=X_4011_US_Assign_efiled#page4.tif

source=X_4011_US_Assign_efiled#page5.tif

ASSIGNMENT

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

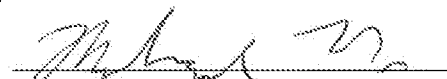
<u>Michael Wu</u>	of	<u>3658 Bryant St., Palo Alto, CA 94306</u>
<u>Bei Yin</u>	of	<u>8299 Cambridge St., Apt. #705, Houston, TX 77054</u>
<u>Aida Vosoughi</u>	of	<u>2601 Bellefontaine St., Apt. B204, Houston, TX 77025</u>
<u>Christopher H. Dick</u>	of	<u>5979 Pala Mesa Drive, San Jose, CA 95123</u>
<u>Christoph E. Studer</u>	of	<u>3 Hermann Museum Circle Dr., Apt. #2203, Houston, TX 77004</u>
<u>Joseph R. Cavallaro</u>	of	<u>2319 Alberton Lane, Pearland, TX 77584</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

MATRIX INVERSION

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 25 day of January, 2013.


Michael Wu

State of California ^{Texas}
San Antonio
County of Harris

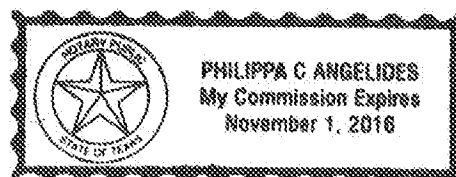
CAPACITY CLAIMED BY SIGNER
(X) individual signing for
oneself

On January 25, 2013, before me, Philippa C. Angelides, Notary Public, personally appeared Michael Wu, 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.

Philippa C. Angelides
Signature of Notary Public



Executed this 25 day of January, 2013.

Bei Yin
Bei Yin

State of Texas)

County of Harris)

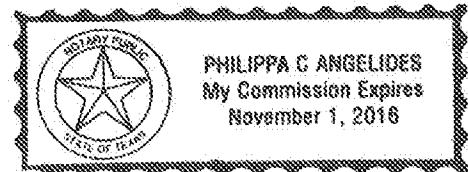
CAPACITY CLAIMED BY SIGNER

(X) individual signing for
oneself

On January 25, 2013, before me, Philippa C. Angelides, Notary Public, personally appeared Bei Yin, 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.

Philippa C. Angelides
Signature of Notary Public



Executed this 25 day of January, 2013.

Aida Vosoughi
Aida Vosoughi

State of Texas)

County of Harris)

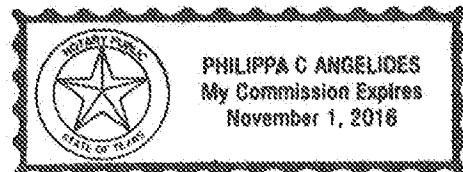
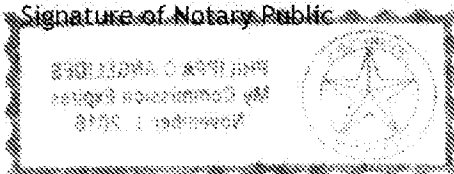
CAPACITY CLAIMED BY SIGNER

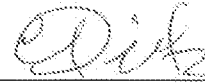
(X) individual signing for
oneself

On January 25, 2013, before me, Philippa C. Angelides, Notary Public, personally appeared Aida Vosoughi, 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.

Philippa C. Angelides
Signature of Notary Public



Executed this 24th day of January, 2013.

Christopher H. Dick

State of California)County of Santa Clara)

CAPACITY CLAIMED BY SIGNER

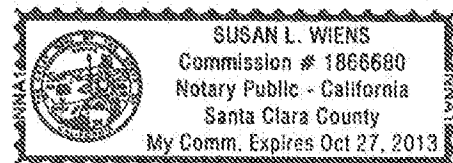
(X) individual signing for
oneself

On January 24, 2013, before me, Susan L. Wiens, Notary Public, personally appeared Christopher H. Dick, 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.

Christoph E. Studer

State of Texas)

County of _____)

CAPACITY CLAIMED BY SIGNER

(X) individual signing for
oneself

On _____, before me, _____, Notary Public, personally appeared Christoph E. Studer, 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.

Christopher H. DickState 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 Christopher H. Dick, 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 25 day of January, 2013.Christoph E. StuderState of Texas)County of Harris)

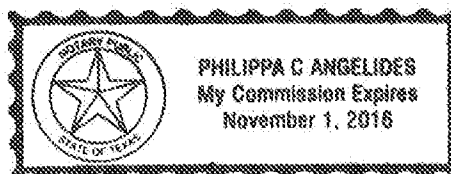
CAPACITY CLAIMED BY SIGNER

(X) individual signing for
oneself

On January 25, 2013, before me, Philippa C. Angelides, Notary Public, personally appeared Christoph E. Studer, 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.

Philippa C. Angelides
Signature of Notary Public



Executed this 25 day of JANUARY, 2013.
Joseph R. CavallaroState of TexasCounty of Harris

CAPACITY CLAIMED BY SIGNER

(X) individual signing for
oneself

On January 25, 2013, before me, Philippa C. Angelides, Notary Public, personally appeared Joseph R. Cavallaro, 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