

## 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>Paul R. Schumacher</td> <td>11/13/2012</td> </tr> <tr> <td>Graham F. Schelle</td> <td>11/13/2012</td> </tr> <tr> <td>Patrick Lysaght</td> <td>11/13/2012</td> </tr> <tr> <td>Alan M. Frost</td> <td>11/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Paul R. Schumacher	11/13/2012	Graham F. Schelle	11/13/2012	Patrick Lysaght	11/13/2012	Alan M. Frost	11/13/2012
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Paul R. Schumacher	11/13/2012										
Graham F. Schelle	11/13/2012										
Patrick Lysaght	11/13/2012										
Alan M. Frost	11/13/2012										
RECEIVING PARTY DATA											
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>13676035</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13676035						
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Application Number:	13676035										
CORRESPONDENCE DATA											
Fax Number:	4083776137										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</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-3926 US										
NAME OF SUBMITTER:	Katherine Stofer										
Total Attachments: 6											

CH \$40.00 13676035

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ASSIGNMENT

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

<u>Paul R. Schumacher</u>	<u>of 821 Longview Avenue, Berthoud, CO 80513</u>
<u>Graham F. Schelle</u>	<u>of 3980 Pebble Beach Drive, Longmont, CO 80503</u>
<u>Patrick Lysaght</u>	<u>of 16455 Ferris Avenue, Los Gatos, CA 95032</u>
<u>Alan M. Frost</u>	<u>of 7661 Erin Way, Cupertino, CA 95014</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

**PERFORMANCE ESTIMATION USING CONFIGURABLE HARDWARE EMULATION**

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 13<sup>th</sup> day of November, 2012.

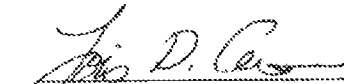
  
Paul R. Schumacher

State of Colorado       )  
County of Boulder       )

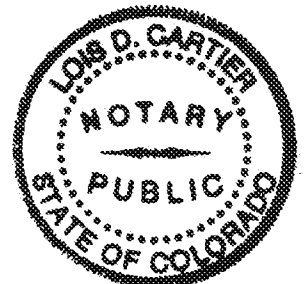
CAPACITY CLAIMED BY SIGNER  
 (X) individual signing for oneself

On November 13, 2012, before me, Lois D. Cartier, Notary Public, personally appeared Paul R. Schumacher, personally known to me (or 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

**LOIS D CARTIER**  
Notary Public  
State Of Colorado  
My Commission Expires 04/14/2016



Executed this 13 day of November, 2012.

Graham F. Schelle  
Graham F. Schelle

State of Colorado )  
County of Boulder )

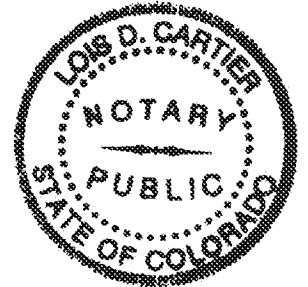
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On November 13, 2012, before me, Lois D. Cartier, Notary Public, personally appeared Graham F. Schelle, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument 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

Lois D. Cartier  
Signature of Notary Public

**LOIS D CARTIER**  
Notary Public  
State Of Colorado  
My Commission Expires 04/14/2016



Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
Patrick Lysaght

State of California )  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
(X) individual signing for oneself

On \_\_\_\_\_, before me, Katherine G. Stofer, Notary Public, personally appeared Patrick Lysaght, 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 \_\_\_\_\_, 2012.

\_\_\_\_\_  
Alan M. Frost

State of California     )  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
(X) individual signing for oneself

On \_\_\_\_\_, before me, Katherine G. Stofer, Notary Public, personally appeared Alan M. Frost, 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.

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Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
Paul R. Schumacher

State of Colorado        )  
County of Boulder        )

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(X) individual signing for oneself

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WITNESS my hand and official seal.

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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

\_\_\_\_\_  
Graham F. Schelle

State of Colorado )  
County of Boulder )

CAPACITY CLAIMED BY SIGNER  
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WITNESS my hand and official seal.

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

Executed this 13 day of NOVEMBER, 2012.

Patrick Lysaght  
Patrick Lysaght

State of California )  
County of Santa Clara )

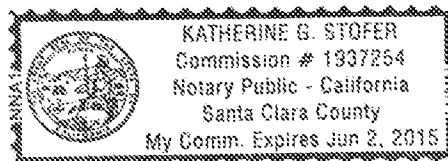
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I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Katherine G. Stofer  
Signature of Notary Public



Executed this 13<sup>th</sup> day of November, 2012.

[Signature]  
Alan M. Frost

State of California )  
County of Santa Clara )

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[Signature]  
Signature of Notary Public

