

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>Raymond Kong</td><td>06/14/2004</td></tr><tr><td>Daniel J. Downs</td><td>06/10/2004</td></tr><tr><td>John J. Laurence</td><td>06/10/2004</td></tr><tr><td>Richard Yachyang Sun</td><td>06/14/2004</td></tr><tr><td>Sankaranarayanan Srinivasan</td><td>06/10/2004</td></tr></tbody></table>	Name	Execution Date	Raymond Kong	06/14/2004	Daniel J. Downs	06/10/2004	John J. Laurence	06/10/2004	Richard Yachyang Sun	06/14/2004	Sankaranarayanan Srinivasan	06/10/2004	
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Richard Yachyang Sun	06/14/2004												
Sankaranarayanan Srinivasan	06/10/2004												
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>12028337</td></tr></tbody></table>	Property Type	Number	Application Number:	12028337									
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CORRESPONDENCE DATA													
Fax Number:	(408)377-6137												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	408-879-5216												
Email:	susan.wiens@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-1509-1D US												
NAME OF SUBMITTER:	Susan L. Wiens												

CH \$40.00 12028337

500459866

PATENT
REEL: 020483 FRAME: 0359

Total Attachments: 3

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ASSIGNMENT

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

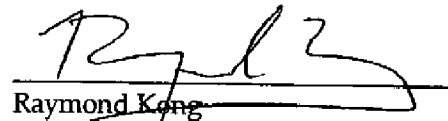
<u>Raymond Kong</u>	of	<u>1590 21st Avenue, San Francisco, CA 94122</u>
<u>Daniel J. Downs</u>	of	<u>6339 Niwot Road, Longmont, CO 80503</u>
<u>John J. Laurence</u>	of	<u>11837 Utica Way, Westminster, CO 80031</u> <u>Westminster, CO</u>
<u>Richard Yachyang Sun</u>	of	<u>137 Beverly Street, Mountain View, CA 94043</u>
<u>Sankaranarayanan Srinivasan</u>	of	<u>2925 Glenwood Drive, #307, Boulder, CO 80301</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 our invention

METHOD AND ARRANGEMENT PROVIDING FOR IMPLEMENTATION
GRANULARITY USING IMPLEMENTATION SETS

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 14th day of June, 2004.

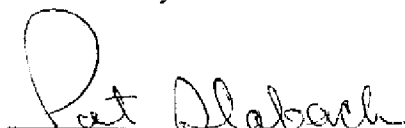

Raymond Kong

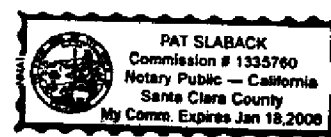
State of California)
County of Santa Clara)

CAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

On June 14, 2004 before me, Pat Slaback, Notary Public, personally appeared Raymond Kong [] personally known to me --or-- [X] 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/she executed the same in his/her authorized capacity, and that by his/her 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



Executed this 10 day of JUNE, 2004.

(Signature)
Daniel J. Downs

State of Colorado
County of Boulder

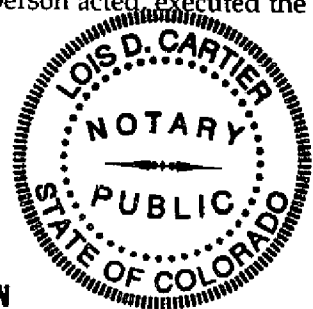
CAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

On June 10, 2004 before me, Lois D. Cartier, Notary Public, personally appeared Daniel J. Downs [] 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/she executed the same in his/her authorized capacity, and that by his/her 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)
Signature

Lois D. Cartier, Notary Public
State of Colorado
My Commission Expires 4/14/2008



Executed this 10th day of JUNE, 2004.

(Signature)
John Laurence

State of Colorado
County of Boulder

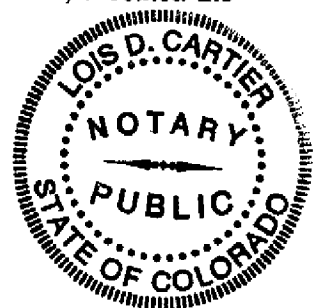
CAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

On June 10, 2004 before me, Lois D. Cartier, Notary Public, personally appeared John Laurence [] 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/she executed the same in his/her authorized capacity, and that by his/her 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)
Signature

Lois D. Cartier, Notary Public
State of Colorado
My Commission Expires 4/14/2008



Executed this 14th day of June, 2004.

Richard Yachyang Sun
Richard Yachyang Sun

State of California
County of Santa Clara

CAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

On June 14, 2004 before me, Pat Slaback, Notary Public, personally appeared Richard Yachyang Sun [] personally known to me –or – [X] 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/she executed the same in his/her authorized capacity, and that by his/her 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.

Pat Slaback
Signature



Executed this 10 day of June, 2004.

Sankaranarayanan Srinivasan
Sankaranarayanan Srinivasan

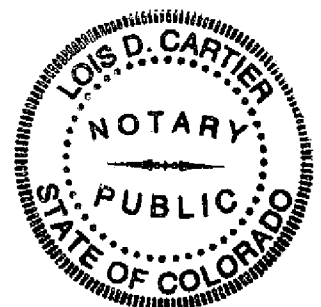
State of Colorado
County of Boulder

CAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

On June 10, 2004 before me, Lois D. Cartier, Notary Public, personally appeared Sankaranarayanan Srinivasan [] 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/she executed the same in his/her authorized capacity, and that by his/her 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



KK:pbs

Lois D. Cartier, Notary Public
State of Colorado
My Commission Expires 4/14/2008

PATENT