

06-05-2007

U.S. PTO
11/805133
05/22/2007

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



**FORM COVER SHEET
US ONLY**

5.00-07

To the D.

103413228

Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Chi Bun Chan; Nabeel Shirazi; Shay Ping Seng; Haibing Ma

2. Name and address of receiving party(ies)

Name: XILINX, INC.

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) May 15, 2007

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

Street Address: 2100 Logic Drive

City: San Jose

State: California

Country: US Zip: 95124

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application:

A. Patent Application No.(s)

Chi Bun Chan; Nabeel Shirazi; Shay Ping Seng; Haibing Ma
"Method and Apparatus for Providing Program-Based Hardware
Co-Simulation of a Circuit Design"

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Lois D. Cartier

Internal Address: XILINX, INC.

Street Address: 2100 Logic Drive

City: San Jose

State: California Zip: 95124

Phone Number: 720-652-3733

Fax Number: 408-377-6137

Email Address: _____

6. Total number of applications and patents involved: ONE

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☐ Authorized to be charged by credit card

☒ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 24-0040

Authorized User Name Carri Shellgren

9. Signature:

Signature

May 22, 2007
Date

06/04/2007 BYRNE 00000185 240040 11805133

Lois D. Cartier, Reg. No. 40,941

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

04

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

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

<u>Chi Bun Chan</u>	of	<u>1788 Bradford Way, Apt. 9, San Jose, CA 95124</u>
<u>Nabeel Shirazi</u>	of	<u>1318 Chandon Court, San Jose, CA 95125</u>
<u>Shay Ping Seng</u>	of	<u>1376 Hanchett Avenue, San Jose, CA 95126</u>
<u>Haibing Ma</u>	of	<u>847 Eldorado Drive, Superior, CO 80027</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 APPARATUS FOR PROVIDING PROGRAM-BASED HARDWARE CO-SIMULATION
OF A CIRCUIT DESIGN

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 15th day of May, 2007.



Chi Bun Chan

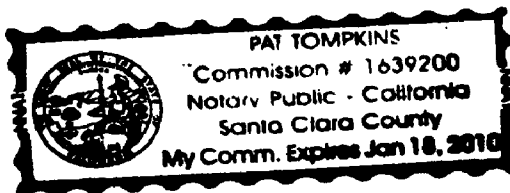
State of California)
County of Santa Clara)

CAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

On May 15, 2007 before me, Pat Tompkins, Notary Public, personally appeared Chi Bun Chan [] 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 Tompkins
Signature



Executed this 15th day of May, 2007.

Nabeel Shirazi
Nabeel Shirazi

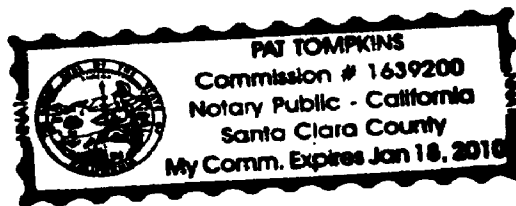
State of California
County of Santa Clara

CAPACITY CLAIMED BY SIGNER
☒ oneself/themselves

On May 15, 2007 before me, Pat Tompkins, Notary Public, personally appeared Nabeel Shirazi ☐ 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.

Pat Tompkins
Signature



Executed this 15th day of May, 2007.

Shay Ping Seng
Shay Ping Seng

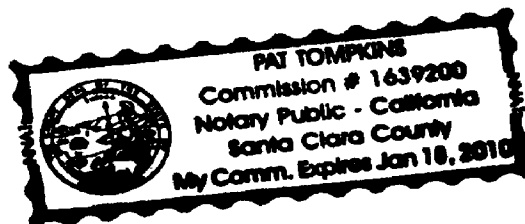
State of California
County of Santa Clara

CAPACITY CLAIMED BY SIGNER
☒ oneself/themselves

On May 15, 2007 before me, Pat Tompkins, Notary Public, personally appeared Shay Ping Seng ☐ 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.

Pat Tompkins
Signature



Executed this 15 day of May, 2007.

Haibing Ma
Haibing Ma

State of Colorado)
County of Boulder)

CAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

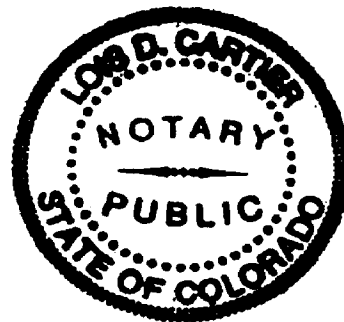
On May 15, 2007 before me, Lois D. Cartier, Notary Public, personally appeared Haibing Ma [] personally known to me --or-- ☒ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her 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

LDC:pat

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



PATENT

RECORDED: 05/22/2007

REEL: 019400 FRAME: 0318