

04-17-2007

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



103395976

To the Director of the U.S. Patent and Trademark Office, or to the address(es) below.

**1. Name of conveying party(ies)**

Yan Wang; Nui Chong; Hong-Tsz Pan; Bang-Thu Nguyen;  
Jonathan Jung-Ching Ho; Qi Lin; Yuhao Luo; Hing Yee Angela  
Wong; Xin X. Wu; Yuezhen Fan

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

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

Execution Date(s) 02-23, 28; 03-05, 06, 07; & 04-02-2007

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

**2. Name and address of receiving party(ies)**

Name: XILINX, INC.

Internal Address:

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)**

Serial No.: 11/717,811 Filed on: March 13, 2007  
"Method and Apparatus for Compensating an Integrated Circuit  
Layout for Mechanical Stress Effects"

**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: 720-653-3733

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:**

*Lois D. Cartier*  
Signature

April 10, 2007  
Date

Lois D. Cartier, Reg. No. 40,941  
Name of Person Signing

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

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

PATENT

REEL: 019198 FRAME: 0046

ASSIGNMENT

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

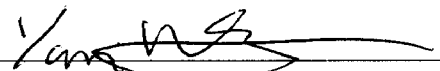
<u>Yan Wang</u>	of	<u>575 W. Hacienda Avenue, #316, Campbell, CA 95008</u>
<u>Nui Chong</u>	of	<u>10330 Las Ondas, Cupertino, CA 95014</u>
<u>Hong-Tsz Pan</u>	of	<u>10218 Santa Clara Avenue, Cupertino, CA 95014</u>
<u>Bang-Thu Nguyen</u>	of	<u>2877 Kearney Avenue, Santa Clara, CA 95051</u>
<u>Jonathan Jung-Ching Ho</u>	of	<u>40982 Gaucha Way, Fremont, CA 94539</u>
<u>Qi Lin</u>	of	<u>10415 Dempster Avenue, Cupertino, CA 95014</u>
<u>Yuhao Luo</u>	of	<u>3885 Arbuckle Drive, San Jose, CA 95124</u>
<u>Hing Yee Angela Wong</u>	of	<u>1533 Silver Ranch Lane, San Jose, CA 95138</u>
<u>Xin X. Wu</u>	of	<u>40710 Capra Drive, Fremont, CA 94539</u>
<u>Yuezhen Fan</u>	of	<u>1641 Via Fontuna, San Jose, CA 95120</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 COMPENSATING AN INTEGRATED CIRCUIT LAYOUT FOR MECHANICAL STRESS EFFECTS**

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 28<sup>th</sup> day of February, 2007.

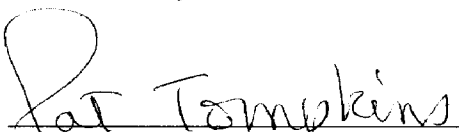
  
Yan Wang

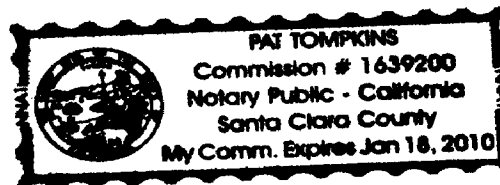
State of California )  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
[ X ] oneself/themselves

On February 28, 2007 before me, Pat Tompkins, Notary Public, personally appeared Yan Wang [ ] 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 7<sup>th</sup> day of March, 2007.

Qi Lin  
Qi Lin

State of California )  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
[ X ] oneself/themselves

On March 7, 2007 before me, Pat Tompkins, Notary Public, personally appeared Qi Lin [ ] 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 6<sup>th</sup> day of March, 2007.

Yuhao Luo  
Yuhao Luo

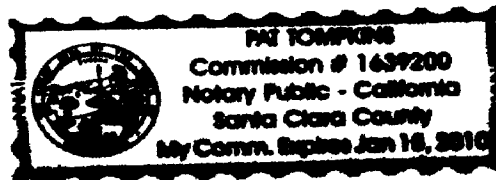
State of California )  
County of Santa Clara )

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[ X ] oneself/themselves

On March 6, 2007 before me, Pat Tompkins, Notary Public, personally appeared Yuhao Luo [ ] 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 6<sup>th</sup> day of March, 2007.

Bang-Thu Nguyen  
Bang-Thu Nguyen

State of California )  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
[ X ] oneself/themselves

On March 6, 2007 before me, Pat Tompkins, Notary Public, personally appeared Bang-Thu Nguyen [ ] 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 5<sup>th</sup> day of March, 2007.

Jonathan Jung-Ching Ho  
Jonathan Jung-Ching Ho

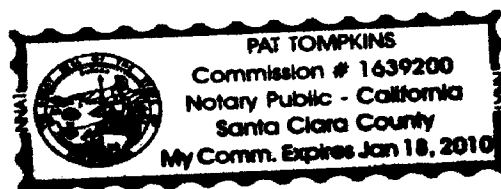
State of California )  
County of Santa Clara )

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[ X ] oneself/themselves

On March 2007 before me, Pat Tompkins, Notary Public, personally appeared Jonathan Jung-Ching Ho [ ] 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 23<sup>rd</sup> day of February, 2007.

Nui Chong

Nui Chong

State of California )  
County of Santa Clara )

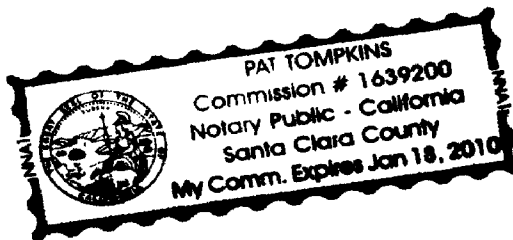
CAPACITY CLAIMED BY SIGNER

☒ oneself/themselves

On February 23, 2007 before me, Pat Tompkins, Notary Public, personally appeared Nui Chong ☐ 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 2<sup>nd</sup> day of April, 2007.

Hong-Tsz Pan  
Hong-Tsz Pan

State of California )  
County of Santa Clara )

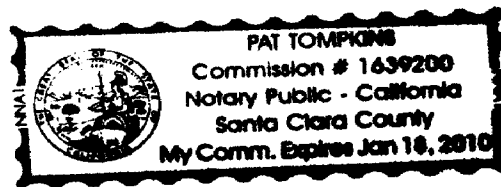
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☒ oneself/themselves

On April 2, 2007 before me, Pat Tompkins, Notary Public, personally appeared Hong-Tsz Pan ☐ 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 23rd day of February, 2007.

Hing Yee Angela Wong  
Hing Yee Angela Wong

State of California )  
County of Santa Clara )

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On February 23, 2007 before me, Pat Tompkins, Notary Public, personally appeared Hing Yee Angela Wong [ ] 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 7th day of March, 2007.

Xin X. Wu  
Xin X. Wu

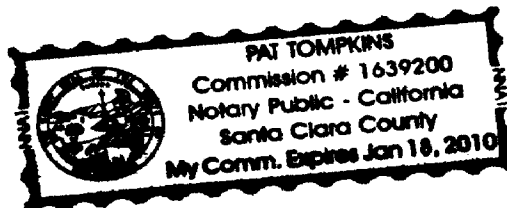
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On March 7, 2007 before me, Pat Tompkins, Notary Public, personally appeared Xin X. Wu [ ] personally known to me --or-- [X] proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged 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 23<sup>rd</sup> day of February, 2007.

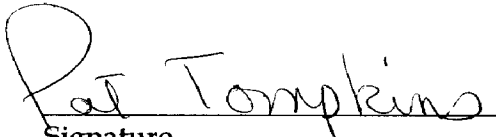
  
Yuezhen Fan

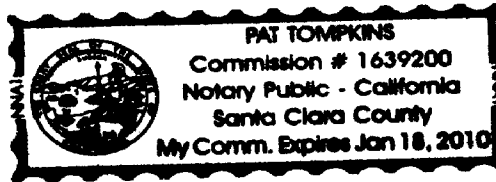
State of California )  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
[ X ] oneself/themselves

On February 23, 2007 before me, Pat Tompkins, Notary Public, personally appeared Yuezhen Fan [ ] 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



LDC:pat