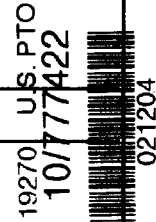




To the Honorable Commissioner of Patents a 102674826 original documents or copy thereof.

1. Name of conveying party(ies):
Neil G. Jacobson, Emigdio M. Flores, Jr., Sanjay Srivastava, Bin Dai;
Sungni Jerry Mao
2.12.04
Additional name(s) of conveying party(ies) attached? [] Yes [X] No

2. Name and address of receiving party(ies):
Name: Xilinx, Inc.
Internal Address: _____
Street Address: 2100 Logic Drive
City: San Jose State: California Zip: 95124
Additional name(s) & address(es) attached? [] Yes [X] No



3. Nature of Conveyance:
 Assignment [] Merger
 Security Agreement [] Change of Name
 Other
Execution Date: 6/4/02, 7/26/02

4. Application number(s) or patent number(s): 10777422
If this document is being filed together with a new application, the filing date of the application is: 02-12-04
A. Patent Application No.(s)
Neil G. Jacobson, Emigdio M. Flores, Jr., Sanjay Srivastava,
Bin Dai; Sungni Jerry Mao
"Automated Boundary-Scan Chain Composition Method Using
a Device Database and Access Mechanism for Storing and
Retrieving Situation-Dependent Operation Options"
B. Patent No.(s)
Additional numbers attached? [] Yes [X] No

5. Name and address of party 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

6. Total number of applications and patents involved: ONE
7. Total fee (37 CFR 3.41):.....\$ 40.00
[] Enclosed
[X] Authorized to be charged to deposit account
8. Deposit Account Number: 24-0040
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
LOIS D. CARTIER, 40,941 February 12, 2004
Name of Person Signing Signature Date

PBS Total number of pages including cover sheet, attachments, and document: [05]

Mail documents to be recorded with required cover sheet information to
Commissioner for Patents, Mail Stop: Assignments
Alexandria, Virginia 22313-1450

02/20/2004 LMUELLER 00000217 240040 10777422
01 FC:8021 40.00 DA

COPY

ASSIGNMENT

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

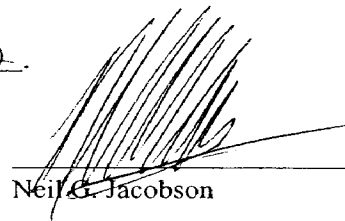
Neil G. Jacobson of 221 Lassen Ave., Mountain View, CA 94043
 Emigdio M. Flores, Jr. of 11075 NW 14 Street, Coral Springs, FL 33071
 Sanjay Srivastava of 1624 Wheatley Place., San Jose, CA 95121
 Bin Dai of 537 Devonshire Ct., Mountain View, CA 94043
 Sungnien Jerry Mao of 38647 Greenwich Circle, Fremont, CA 94536

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

AUTOMATED BOUNDARY-SCAN CHAIN COMPOSITION METHOD USING A DEVICE DATABASE AND ACCESS MECHANISM FOR STORING AND RETRIEVING SITUATION-DEPENDENT OPERATION OPTIONS

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 11th day of June, 2002.



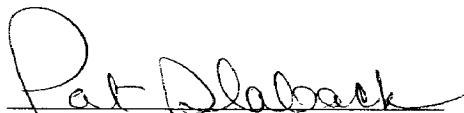
Neil G. Jacobson

State of California)
County of Santa Clara)

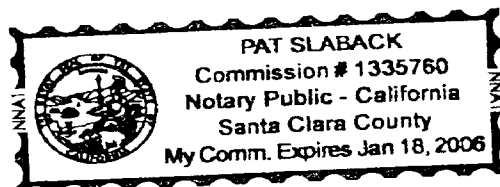
CAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

On June 4, 2002 before me, Pat Slaback, Notary Public, personally appeared Neil G. Jacobson [] personally known to me --or-- [A] 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 _____ day of _____, 20_____.~~

~~Emigdio M. Flores, Jr.~~

~~State of Florida)
County of _____)~~

~~CAPACITY CLAIMED BY SIGNER
[X] oneself/themselves~~

~~On _____ before me, _____, Notary Public,
personally appeared Emigdio M. Flores, Jr. [] 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~~

Executed this 26th day of July, 2002.

Sanjay

Sanjay Srivastava

State of California)
County of Santa Clara)

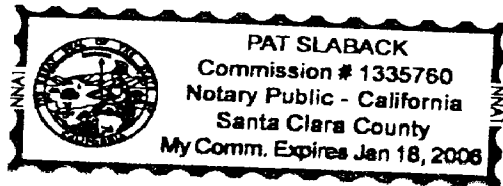
CAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

On July 26, 2002 before me, Pat Slaback, Notary Public, personally
appeared Sanjay Srivastava [] 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 4th day of June, 2002.

Bin Dai

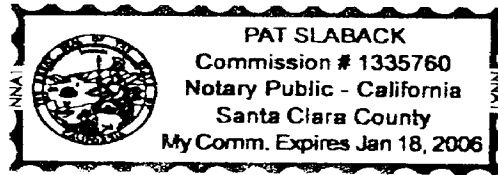
State of California)
County of Santa Clara)

CAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

On June 4, 2002 before me, Pat Slaback, Notary Public, personally appeared Bin Dai [] 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 26th day of July, 2002.

Sungnien Jerry Mao

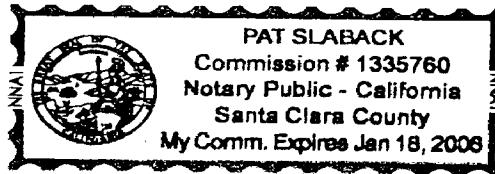
State of California)
County of Santa Clara)

CAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

On July 26, 2002 before me, Pat Slaback, Notary Public, personally appeared Sungnien Jerry Mao [] 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 4th day of June, 2002

Emigdio M. Flores, Jr.
Emigdio M. Flores, Jr.

State of Florida
County of Broward

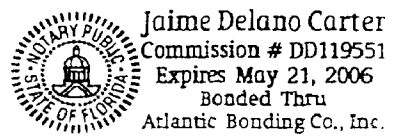
CAPACITY CLAIMED BY SIGNER
 oneself/themselves

On June 4th 2002 before me, JAIME CARTER, Notary Public, personally appeared Emigdio M. Flores, Jr. [] 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

[Handwritten Signature]



Executed this _____ day of _____, 20_____

Sanjay Srivastava

State of California
County of Santa Clara

CAPACITY CLAIMED BY SIGNER
 oneself/themselves

On _____ before me, Pat Slaback, Notary Public, personally appeared Sanjay Srivastava [] 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