

1/31/06

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6-93
OMB No. 0651-0011 (exp. 4/94)

02-09-2006

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103176444

original documents or copy thereof.

To the Honorable Commissioner of Patents

1. Name of conveying party(ies):
Jonathan B. Ballagh; L. James Hwang; Roger B. Milne; Kevin Marc Neilson; Nabeel Shirazi

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

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

3. Nature of Conveyance:

- Assignment [] Merger
- Security Agreement [] Change of Name
- Other

Execution Date: 01-23, 24, 27-2006

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the filing date of the application is: 01-31-06

A. Patent Application No.(s)

Jonathan B. Ballagh; L. James Hwang; Roger B. Milne; Kevin Marc Neilson; Nabeel Shirazi
"Fast Hardware Co-Simulation Reset Using Partial Bitstreams"

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: KIM KANZAKI

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
- Authorized to be charged to deposit account

8. Deposit Account Number: 24-0040

(Attach duplicate copy of this page if paying by deposit account)

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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.

KIM KANZAKI, 37,652

Name of Person Signing

Signature

January 31, 2006

Date

Total number of pages including cover sheet, attachments, and document: [04]

PAT

Mail documents to be recorded with required cover sheet information to

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02/08/2006 DBYRNE 00000080 240040 11343554

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PATENT
REEL: 017536 FRAME: 0060

113260 U.S. PTO
11/343554
013106

ASSIGNMENT

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

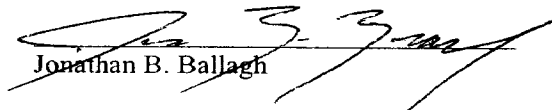
<u>Jonathan B. Ballagh</u>	of	<u>3391 Sentinel Drive, Boulder, CO 80301</u>
<u>L. James Hwang</u>	of	<u>2120 Camino de los Robles, Menlo Park, CA 94025</u>
<u>Roger B. Milne</u>	of	<u>2183 Kincaid Place, Boulder, CO 80304</u>
<u>Kevin Marc Neilson</u>	of	<u>1014 Spruce Street, #A, Boulder, CO 80302</u>
<u>Nabeel Shirazi</u>	of	<u>1318 Chandon Court, San Jose, CA 95125</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

FAST HARDWARE CO-SIMULATION RESET USING PARTIAL BITSTREAMS

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 23 day of JANUARY, 2006.

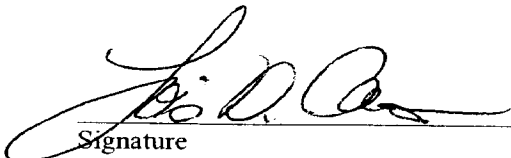

Jonathan B. Ballagh

State of Colorado)
County of Boulder)

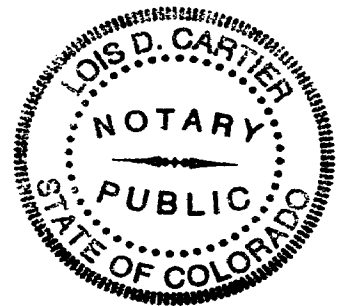
CAPACITY CLAIMED BY SIGNER
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On January 23, 2006 before me, Lois D. Cartier, Notary Public, personally appeared Jonathan B. Ballagh [] personally known to me --or-- proved to me on the basis of satisfactory evidence to be the person whose name is subscribed 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

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



Executed this 27th day of January, 2006.

[Signature]
L. James Hwang

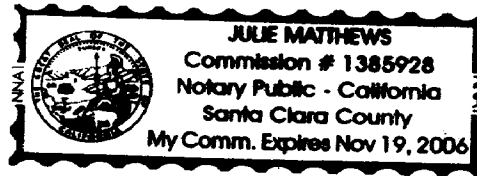
State of California)
County of Santa Clara)

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On January 27, 2006 before me, Julie Matthews, Notary Public, personally appeared L. James Hwang [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



Executed this 23rd day of January, 2006.

[Signature]
Roger B. Milne

State of Colorado)
County of Boulder)

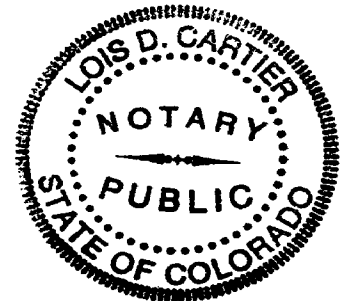
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On January 23, 2006 before me, Lois D. Cartier, Notary Public, personally appeared Roger B. Milne [personally known to me --or-- proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and 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.

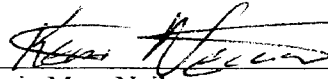
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Lois D. Cartier, Notary Public
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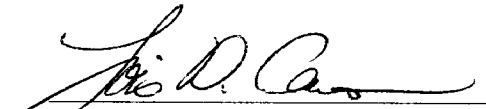

Kevin Marc Neilson

State of Colorado)
County of Boulder)

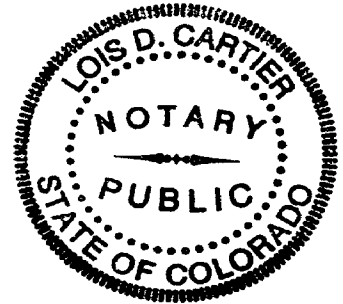
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On January 23, 2006 before me, Lois D. Cartier, Notary Public, personally appeared Kevin Marc Neilson [] personally known to me --or-- [X] proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument 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.

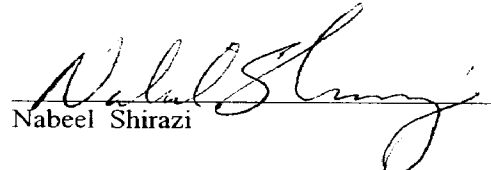
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Signature

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



Executed this 24 day of January, 2006.


Nabeel Shirazi

State of California)
County of Santa Clara)

CAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

On January 24, 2006 before me, Julie Matthews, Notary Public, personally appeared Nabeel Shirazi [] 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



KK:pat