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10-04-2006



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To the Director of the U.S. Patent and Trademark Office: Please refer to the serial number and documents or the new address(es) below.

1. Name of conveying party(ies)

Thomas E. Fischaber; James M. Simkins; Peter H. Alfke

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

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

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

Execution Date(s) 09-12, 13, 14-2006

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

Thomas E. Fischaber; James M. Simkins; Peter H. Alfke
"Circuits and Methods of Concatenating FIFOs"

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: 408-879-

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

Reg. No. 46,941

September 27, 2006
Date

Lois D. Cartier
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

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ASSIGNMENT

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

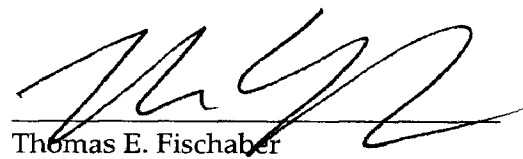
| | | |
|----------------------------|----|--|
| <u>Thomas E. Fischaber</u> | of | <u>123 High Parkway, Golden, CO 80403</u> |
| <u>James M. Simkins</u> | of | <u>7822 N. Boothill Drive, Park City, Utah 84098</u> |
| <u>Peter H. Alfke</u> | of | <u>25251 La Rena Lane, Los Altos Hills, CA 94022</u> |

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

CIRCUITS AND METHODS OF CONCATENATING FIFOS

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 13 day of September, 2006.




Thomas E. Fischaber

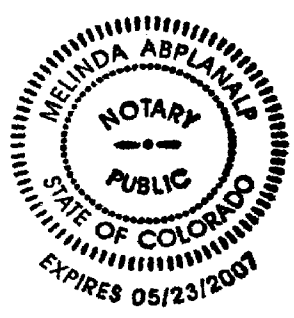
State of Colorado)
County of Boulder)

CAPACITY CLAIMED BY SIGNER
 oneself/themselves

On 13 Sept 2006 before me, MELINDA ABPLANALP, Notary Public, personally appeared Thomas E. Fischaber 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 12th day of September, 2006.

James M. Simkins
James M. Simkins

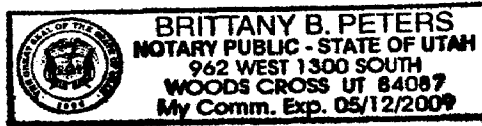
State of Utah
County of SALT LAKE

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On September 12, 2006 before me, Brittany B. Peters, Notary Public, personally appeared James M. Simkins [] 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.

Brittany B. Peters
Signature



Executed this _____ day of _____, 2006.

Peter H. Alfke

State of California
County of Santa Clara

CAPACITY CLAIMED BY SIGNER
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On _____ before me, Pat Tompkins, Notary Public, personally appeared Peter H. Alfke [] 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

Executed this _____ day of _____, 2006.

James M. Simkins

State of Utah
County of _____


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On _____ before me, _____, Notary Public,
personally appeared James M. Simkins [] 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 14th day of September, 2006.

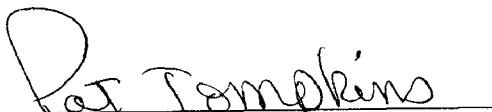

Peter H. Alfke

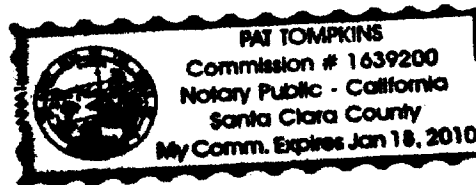
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On September 14, 2006 before me, Pat Tompkins, Notary Public, personally
appeared Peter H. Alfke personally known to me --or -- [] proved to me on the basis of
satisfactory evidence to be the person whose name is subscribed to the within instrument 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



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