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103463643

original documents or copy thereof.

To the Honorable Commissioner of Patents a

1. Name of conveying party(ies):  
William C. Black; Timothy W. Markison  
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:  
[X] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other  
Execution Date: 12-14-01; 12-21-01

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: November 9, 2007  
A. Patent Application No.(s)  
B. Patent No.(s)  
New Patent Application Entitled:  
"Distributed Buffering System Having Programmable Interconnecting Logic and Applications Thereof"  
Additional numbers attached? [ ] Yes [X] No

11/983568

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: MICHAEL R. HARDAWAY 52,992  
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)

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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.*  
MICHAEL R. HARDAWAY 52,992  
Name of Person Signing  
  
Signature  
11/21/2007 MJAMA1 00000015 240040 11983568  
FC:8021 40.00 DA  
November 9, 2007  
Date

JAM Total number of pages including cover sheet, attachments, and document: [ 03 ]

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

PATENT  
REEL: 020157 FRAME: 0559

COPY

ASSIGNMENT

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

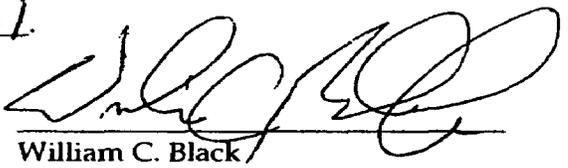
William C. Black of 533 193 Street, Ames, IA 50010  
Timothy W. Markison of 9732 Big View Drive, Austin, TX 78730  
of \_\_\_\_\_

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

DISTRIBUTED BUFFERING SYSTEM HAVING PROGRAMMABLE INTERCONNECTING LOGIC AND APPLICATIONS THEREOF

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 14<sup>th</sup> day of December, 2001.

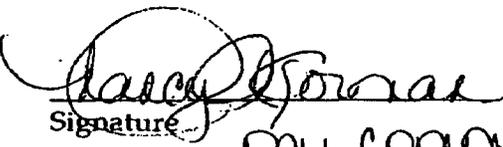
  
William C. Black

State of Iowa  
County of Story

CAPACITY CLAIMED BY SIGNER  
 oneself/themselves

On December 14, 2001 before me, Nancy Gorman Notary Public, personally appeared William C. Black [ ] 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

my commission expires Feb. 20, 2004  
Commission No. 708404

HCC:pbs

COPY

Executed this 21st day of December, 2001.

Timothy W. Markison

Timothy W. Markison

State of Texas  
County of TRAVIS

CAPACITY CLAIMED BY SIGNER  
 oneself/themselves

On 12/21/01 before me, DIANE HUDSON Notary Public,  
personally appeared Timothy W. Markison [ ] 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.

Diane Hudson  
Signature

