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

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U.S. DEPARTMENT OF COMMERCE  
Patent Office

103478291

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Jorn W. Janneck, Ian D. Miller

1-15-08

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

## 2. Name and address of receiving party(ies):

Name: Xilinx, Inc.

Internal Address: \_\_\_\_\_

## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date:

01/14/08; 01/12/08

Street Address: 2100 Logic DriveCity: San JoseState: CaliforniaZip: 95124Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 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:

01/15/08

## A. Patent Application No.(s)

New Application entitled "CONTENT-BASED CACHING IN A  
MANAGED RUNTIME COMPUTING ENVIRONMENT"

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: MICHAEL R. HARDAWAY 52,992Internal Address: Xilinx, Inc.Street Address: 2100 Logic DriveCity: San JoseState: CaliforniaZip: 951246. Total number of applications and patents involved: one7. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account8. 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.*MICHAEL R. HARDAWAY

Name of Person Signing

Signature

01/28/2008 MJANAY

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01 FEB 2008

January 15, 2008

Date

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

KGS

Mail documents to be recorded with required cover sheet information to

Commissioner for Patents, Mail Stop: Assignments  
Alexandria, Virginia 22313-1450PATENT  
REEL: 020443 FRAME: 0817

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

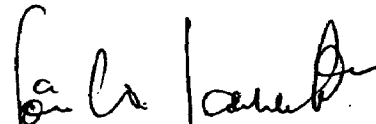
Jorn W. Janneck of 5399 Landau Court, San Jose, California 95123  
Ian D. Miller of 10631 Hellebore Road, Charlotte, North Carolina 28213

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

**CONTENT-BASED CACHING IN A MANAGED RUNTIME COMPUTING ENVIRONMENT**

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 JANUARY, 2008.

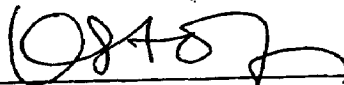
  
\_\_\_\_\_  
Jorn W. Janneck  
**CAPACITY CLAIMED BY SIGNER**  
(X) individual signing for oneself

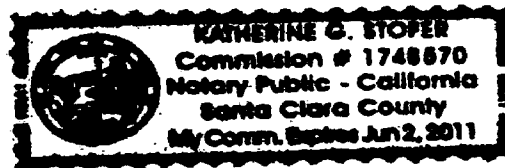
State of California )  
County of Santa Clara )

On January 14, 2008 before me, Katherine G. Stofer, Notary Public, personally appeared Jorn W. Janneck who 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.

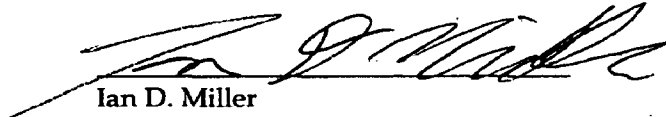
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

  
\_\_\_\_\_  
Signature of Notary Public



Executed this 12 day of January, 2008.

  
Ian D. Miller

State of North Carolina

County of Mecklenburg

CAPACITY CLAIMED BY SIGNER

(X) individual signing for oneself

On January 12, 2008 before me, Lauren A. Lowery (LAL) 1/12/08, Notary Public, personally appeared Ian D. Miller 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.

Lauren A. Lowery  
Signature of Notary Public

MRH/ks

