

6/22/05

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

06-30-2005

HEET U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Commissioner of Pa

103031917

Attached original documents or copy thereof.

1. Name of conveying party(ies):  
Ian D. Miller; Jonathan C. Harris  
  
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

113219 U.S. PTO  
11/15/085  
062205

3. Nature of Conveyance:  
 Assignment [ ] Merger  
 Security Agreement [ ] Change of Name  
 Other  
  
Execution Date: 06-14 & 16-2005

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: 06-22-05  
  
A. Patent Application No.(s)  
Ian D. Miller; Jonathan C. Harris  
"Auto Generation Of A Multi-staged Processing Pipeline  
Hardware Implementation For Designs Captured In High Level  
Languages"  
  
Additional numbers attached? [ ] Yes [X] No

B. Patent No.(s)  
  
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)

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

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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      [Signature]      June 22, 2005  
Name of Person Signing      Signature      Date  
  
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

06/29/2005 6TON11 00000137 240040 11159085  
01 FC:0021 (40.00 BA)

PATENT  
REEL: 016726 FRAME: 0915

ASSIGNMENT

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

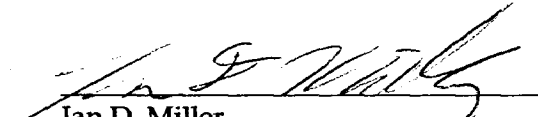
Ian D. Miller of 10631 Hellebore Road, Charlotte, NC 28213  
Jonathan C. Harris of 3923 White Rose Way, Ellicott City, MD 21042  
of \_\_\_\_\_

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

**AUTO GENERATION OF A MULTI-STAGED PROCESSING PIPELINE HARDWARE IMPLEMENTATION FOR DESIGNS CAPTURED IN HIGH LEVEL LANGUAGES**

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 17 day of June, 2005.

  
Ian D. Miller

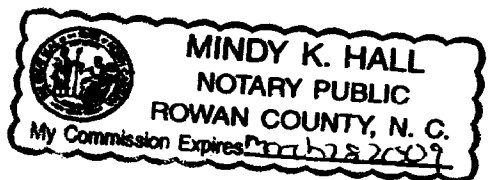
State of North Carolina  
County of Mecklenburg Rowan

CAPACITY CLAIMED BY SIGNER  
 oneself/themselves

On June 14 2005 before me, Mindy K Hall, 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.

  
Signature



Executed this 16 day of June, 2005.

Jonathan C. Harris  
Jonathan C. Harris

State of Maryland )  
County of Howard )

CAPACITY CLAIMED BY SIGNER  
 oneself/themselves

On 6/16/05 before me, JOAN ABARCAR, Notary Public, personally appeared Jonathan C. Harris [ ] 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.

Joan Abarcar  
Signature

KK:pbs

JOAN ABARCAR  
NOTARY PUBLIC STATE OF MARYLAND  
My Commission Expires August 29, 2006