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FORM PTO-1595 •  
6-93  
OMB No. 0651-0011 (exp. 4/94)

04-03-2006



no: X-722-2D US  
R SHEET U.S. DEPARTMENT OF COMMERCE  
Patent Office  
**Y**

To the Honorable Commissioner c 103210147 Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Carl H. Carmichael and Phil Edward Brinkley, Jr.  
  
Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

2. Name and address of receiving party(ies):  
Name: Xilinx, Inc.  
Internal Address: \_\_\_\_\_

112948 U.S. PTO  
11/388742  
032406

3. Nature of Conveyance:  
 Assignment [ ] Merger  
 Security Agreement [ ] Change of Name  
 Other  
Execution Date: 2/12/01 and 2/14/01

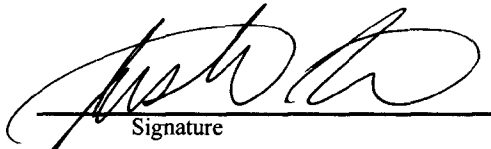
Street Address: 2100 Logic Drive  
City: San Jose State: California Zip: 95124  
Additional name(s) & address(es) attached? [ ] Yes [X] No

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: March 24, 2006  
A. Patent Application No.(s)  
New Patent Application entitled:  
"Techniques for Mitigating, Detecting, and Correcting Single Event Upset Effects in Systems Using SRAM-Based Field Programmable Gate Arrays"  
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: JUSTIN LIU  
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)

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.*  
JUSTIN LIU, 51,959  March 24, 2006  
Name of Person Signing Signature Date  
Total number of pages including cover sheet, attachments, and document: [ 03]

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0000015 240040  
40.00 DR  
04/03/2006 NUMB1  
01 FC:6021

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

## ASSIGNMENT

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

Carl H. Carmichael of 304 Los Pinos Way, San Jose CA 95119  
Phil Edward Brinkley, Jr. of ~~999 W. Hamilton Avenue, Apt. 111, Campbell, CA 95008~~  
9260 S. Buttonhill Court, Highland Ranch CO 80130

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

### TECHNIQUES FOR MITIGATING, DETECTING, AND CORRECTING SINGLE EVENT UPSET EFFECTS IN SYSTEMS USING SRAM-BASED FIELD PROGRAMMABLE GATE ARRAYS

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 day of February, 2001.

Carl H. Carmichael

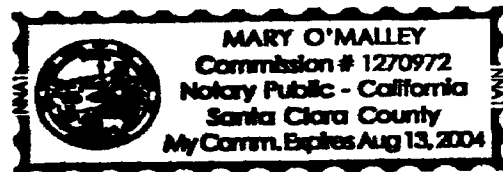
State of California  
County of Santa Clara

CAPACITY CLAIMED BY SIGNER  
 oneself/themselves

On February 14, 2001 before me, Mary O'Malley, Notary Public, personally appeared Carl H. Carmichael  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.

Mary O'Malley  
Signature



Executed this 12 day of February, 2001.

Phil Edward Brinkley, Jr.  
Phil Edward Brinkley, Jr.

State of Colorado  
County of Boulder

CAPACITY CLAIMED BY SIGNER  
 oneself/themselves

On February 12, 2001 before me, Vickie Kruse  
Notary Public, personally appeared Phil Edward Brinkley, Jr.  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.

Vickie Kruse  
Signature



My Commission Expires 7/13/2004

EMY:mom