

FORM PTO-1595

6-03

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

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04-10-2003

U.S. DEPARTMENT OF COMMERCE  
Patent Office

3-27-03



102414747

To the Honorable Commissioner of Patents and Trademarks

1 document or copy thereof.

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

Martin L. Voogel; Austin H. Lesea; Joseph J. Fabula;  
Carl H. Carmichael; Shahin Toutounchi; Michael J. Hart;  
Steven P. Young; Kevin T. Look; Jan L. de Jong.

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

Name: Xilinx, Inc.

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

Street Address: 2100 Logic DriveCity: San Jose State: California Zip: 95124Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

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

Execution Date: 03/14/03, 03/17/03, 03/18/03, 03/19/03,

## 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: 03/27/03A. Patent Application No.(s) 10,402,446New Patent Application Entitled:  
"IMPROVING SINGLE EVENT UPSET IN SRAM CELLS IN  
FPGAS WITH HIGH RESISTIVITY GATE STRUCTURES"

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: JUSTIN LIUInternal Address: Xilinx, Inc.Street Address: 2100 Logic DriveCity: San Jose State: California Zip: 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.*JUSTIN LIU, 51,959

Name of Person Signing

Signature

March 27, 2003

Date

Total number of pages including cover sheet, attachments, and document: [ 8 ]

JAM

Mail documents to be recorded with required cover sheet information to

04/09/2003 ECOOPER 00000052 240040 10402446 Commissioner for Patents, Box Assignments  
Washington, D. C. 20231

01 FC:8021 40.00 CH

ASSIGNMENT

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


<u>Martin L. Voogel</u>	of	<u>1634 Dallas Court, Los Altos, CA 94024</u>
<u>Austin H. Lesea</u>	of	<u>25542 Mt. Bache Road, Los Gatos, CA 95033</u>
<u>Joseph J Fabula</u>	of	<u>5842 N. Camino del Mar, Tuscon, AZ 85718</u>
<u>Carl H. Carmichael</u>	of	<u>999 W. Hamilton Avenue, Apt. 111, Campbell, CA 95018</u>
<u>Shahin Toutounchi</u>	of	<u>1077 Gray Fox Circle, Pleasanton, CA 94566</u>
<u>Michael J. Hart</u>	of	<u>853 San Jude Avenue, Palo Alto, CA 94306</u> 4047 Manzanita Ln
<u>Steven P. Young</u>	of	<u>1180 Pintail Circle, Boulder, CO 80303</u>
<u>Kevin T. Look</u>	of	<u>2094 San Benito Drive, Fremont, CA 94539</u>
<u>Jan L. de Jong</u>	of	<u>19871 Rodrigues Avenue, Cupertino, CA 95014</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

IMPROVING SINGLE EVENT UPSET IN SRAM CELLS IN FPGAS  
WITH HIGH RESISTIVITY GATE STRUCTURES

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 March, 2003.


  
Martin L. Voogel

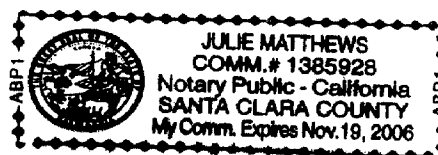
State of California  
County of Santa Clara

CAPACITY CLAIMED BY SIGNER  
☐ [ X ] oneself/themselves

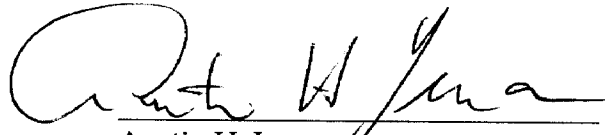
On March 14<sup>th</sup> 2003 before me, Julie Matthews, Notary Public, personally appeared Martin L. Voogel [ ] personally known to me --or-- [ ] proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed 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 18<sup>th</sup> day of March, 2003.


  
Austin H. Lesea

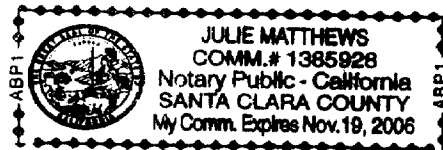
State of California )  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
[ X ] oneself/themselves

On March 18 2003 before me, Julie Matthews, Notary Public, personally appeared Austin H. Lesea [~~—~~] 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 \_\_\_\_\_ day of March, 2003.

\_\_\_\_\_  
Joseph J. Fabula

State of Arizona )  
County of \_\_\_\_\_ )

CAPACITY CLAIMED BY SIGNER  
[ X ] oneself/themselves

On \_\_\_\_\_ before me, \_\_\_\_\_, notary public, personally appeared Joseph J. Fabula [ ] 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 \_\_\_\_\_ day of March, 2003.

\_\_\_\_\_  
Austin H. Lesea

State of California )  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER

[ X ] oneself/themselves

On \_\_\_\_\_ before me, Julie Matthews, Notary Public, personally appeared Austin H. Lesea [ ] 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 \_\_\_\_\_ day of March, 2003.

Joseph J. Fabula  
Joseph J. Fabula

State of Arizona )  
County of PIMA )

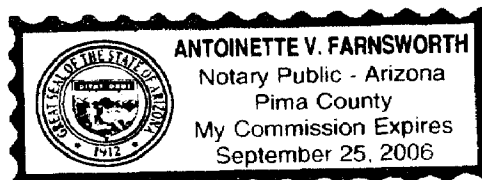
CAPACITY CLAIMED BY SIGNER

[ X ] oneself/themselves

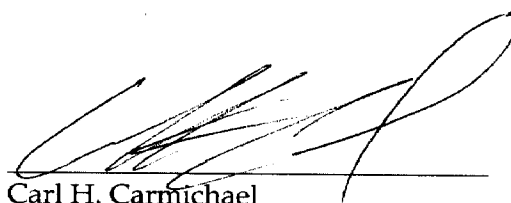
On March 19, 2003 before me, The Undersigned, notary public, personally appeared Joseph J. Fabula [ ] personally known to me --or-- [ ] proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the 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.

Antoinette V. Farnsworth  
Signature



Executed this 25<sup>th</sup> day of March, 2003.



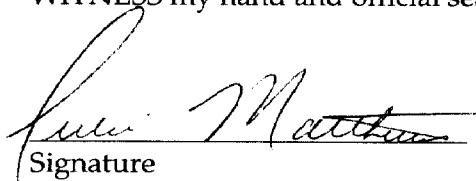
Carl H. Carmichael

State of California )  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
[ X ] oneself/themselves

On March 25, 2003 before me, Julie Matthews, 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.

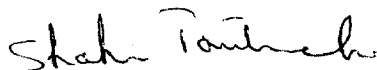
WITNESS my hand and official seal.



Signature



Executed this 19<sup>th</sup> day of March, 2003.



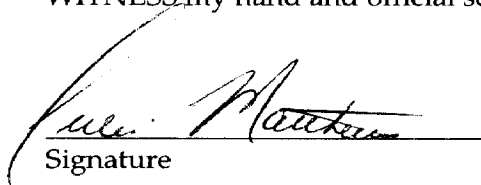
Shahin Toutounchi

State of California )  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
[ X ] oneself/themselves

On March 19, 2003 before me, Julie Matthews, Notary Public, personally appeared Shahin Toutounchi [ ] 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.

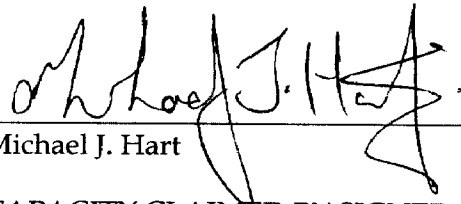
WITNESS my hand and official seal.



Signature



Executed this 17<sup>th</sup> day of March, 2003.

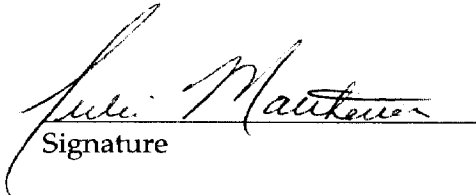
  
 Michael J. Hart

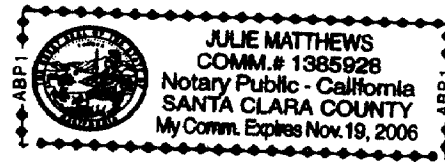
State of California )  
 County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
 [ X ] oneself/themselves

On March 17, 2003 before me, Julie Matthews, Notary Public, personally appeared Michael J. Hart [ ] 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



Executed this \_\_\_\_\_ day of March, 2003.

\_\_\_\_\_  
 Steven P. Young

State of Colorado )  
 County of Boulder )

CAPACITY CLAIMED BY SIGNER  
 [ X ] oneself/themselves

On \_\_\_\_\_ before me, \_\_\_\_\_  
 Notary Public, personally appeared Steven P. Young [ ] 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 \_\_\_\_\_ day of March, 2003.

\_\_\_\_\_  
Michael J. HartState of California )County of Santa Clara )

CAPACITY CLAIMED BY SIGNER

[ X ] oneself/themselves

On \_\_\_\_\_ before me, Julie Matthews, Notary Public, personally appeared Michael J. Hart [ ] 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.

\_\_\_\_\_  
SignatureExecuted this 18th day of March, 2003.\_\_\_\_\_  
Steven P. YoungState of Colorado )County of Boulder )

CAPACITY CLAIMED BY SIGNER

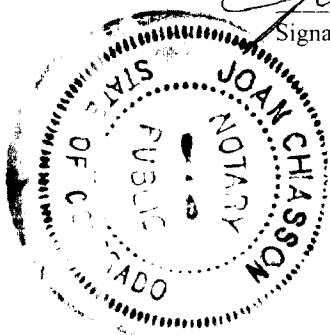
[ X ] oneself/themselves

On March 18, 2003 before me, Joan Chiasson, Notary Public, personally appeared Steven P. Young [ ☒ ] 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**  
**March 30, 2005**



Executed this 19<sup>th</sup> day of March, 2003.

Kevin T. Look  
Kevin T. Look

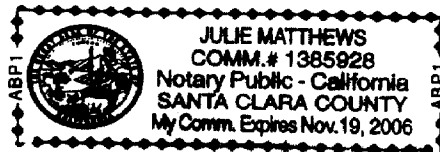
State of California )  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
[ X ] oneself/themselves

On March 19, 2003 before me, Julie Matthews, Notary Public, personally appeared Kevin T. Look [~~personally known to me~~ or ~~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.

Julie Matthews  
Signature



Executed this 18<sup>th</sup> day of March, 2003.

Jan L. de Jong  
Jan L. de Jong

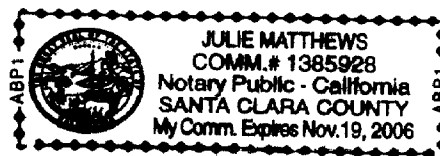
State of California )  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
[ X ] oneself/themselves

On March 18, 2003 before me, Julie Matthews, Notary Public, personally appeared Jan L. de Jong [~~personally known to me~~ or ~~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.

Julie Matthews  
Signature



JL:jam