

8/24/05

08-30-2005



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To the Honorable Commissioner of P

attached original documents or copy thereof.

11/29/19 U.S. PTO  
111210499

1. Name of conveying party(ies):  
Shahin Toutounchi; James Karp; Jongheon Jeong; Michael G. Ahrens; Michael J. Hart  
  
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:  
 Assignment                      [ ] Merger  
 Security Agreement              [ ] Change of Name  
 Other  
  
Execution Date: 08-15 & 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: 08-24-05  
  
A. Patent Application No.(s)  
Shahin Toutounchi; James Karp; Jongheon Jeong; Michael G. Ahrens; Michael J. Hart  
"Non-volatile Memory Cell with Charge Storage Element and Method of Programming"  
  
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: KIM KANZAKI  
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.*  
  
KIM KANZAKI, 37,652                      [Signature]                      August 24, 2005  
Name of Person Signing                      Signature                      Date

Total number of pages including cover sheet, attachments, and document: [ 04]

Mail documents to be recorded with required cover sheet information to

08/29/2005 ECDDPER 00000160 240040 11210499 Commissioner for Patents, Mail Stop: Assignments  
Alexandria, Virginia 22313-1450

01 FC:8021 40.00 DA

ASSIGNMENT

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

<u>Shahin Toutouchi</u>	of	<u>1077 Gray Fox Circle, Pleasanton, CA 94566</u>
<u>James Karp</u>	of	<u>18650 Perego Way, Saratoga, CA 95070</u>
<u>Jongheon Jeong</u>	of	<u>4238 Ruthelma Avenue, Palo Alto, CA 94306</u>
<u>Michael G. Ahrens</u>	of	<u>679 1550 Dominion Avenue, Sunnyvale, CA 94087</u>
<u>Michael J. Hart</u>	of	<u>853 San Jude Avenue, Palo Alto, CA 94306</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

**NON-VOLATILE MEMORY CELL WITH CHARGE STORAGE ELEMENT  
AND METHOD OF PROGRAMMING**

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 16<sup>th</sup> day of August, 2005.

Shahin Toutouchi  
Shahin Toutouchi

State of California )  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
 oneself/themselves

On August 16, 2005 before me, Pat Slaback, Notary Public, personally appeared Shahin Toutouchi [ ] 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.

Pat Slaback  
Signature



Executed this 15<sup>th</sup> day of August, 2005.

James Karp  
James Karp

State of California  
County of Santa Clara

CAPACITY CLAIMED BY SIGNER  
 oneself/themselves

On August 15, 2005 before me, Pat Slaback, Notary Public, personally appeared James Karp [ ] 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.

Pat Slaback  
Signature



Executed this 16<sup>th</sup> day of August, 2005.

Jongheon Jeong  
Jongheon Jeong

State of California  
County of Santa Clara

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 oneself/themselves

On August 16, 2005 before me, Pat Slaback, Notary Public, personally appeared Jongheon Jeong [ ] 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.

Pat Slaback  
Signature



Executed this 16<sup>th</sup> day of August, 2005.

Michael G. Ahrens  
Michael G. Ahrens

State of California  
County of Santa Clara

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 oneself/themselves

On August 16, 2005 before me, Pat Slaback, Notary Public, personally appeared Michael G. Ahrens [ ] 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.

Pat Slaback  
Signature



Executed this 15<sup>m</sup> day of August, 2005.

Michael J. Hart  
Michael J. Hart

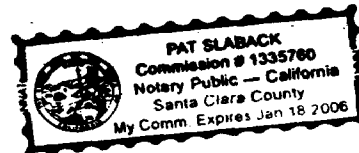
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County of Santa Clara

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On August 15, 2005 before me, Pat Slaback, 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.

Pat Slaback  
Signature



KK:pbs