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

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U.S. DEPARTMENT OF COMMERCE
Patent Office

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

1. Name of conveying party(ies):

Chidamber R. Kulkarni; Gordon J. Brebner

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

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: 01-31-2006

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: February 6, 2006

A. Patent Application No.(s)

B. Patent No.(s)

New Patent Application Entitled:
"Method And Apparatus For Memory Management In An
Integrated Circuit"Additional numbers attached? ☐ Yes ☒ No

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

Name: KIM KANZAKIInternal 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)

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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

Name of Person Signing

Signature

February 6, 2006

Date

JAM

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

Mail documents to be recorded with required cover sheet information to

02/14/2006 DBYRNE 00000114 240040 11348731 Commissioner for Patents, Mail Stop: Assignments
Alexandria, Virginia 22313-1450
01 FC:8021 40.00 DA

PATENT
REEL: 017545 FRAME: 0202

ASSIGNMENT

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

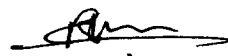
Chidamber R. Kulkarni of 2910 Salem Drive, Santa Clara, CA 95051
Gordon J. Brebner of 25 Glen Ridge Avenue, Los Gatos, CA 95030

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

**METHOD AND APPARATUS FOR MEMORY MANAGEMENT
IN AN INTEGRATED CIRCUIT**

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 31st day of January, 2006.



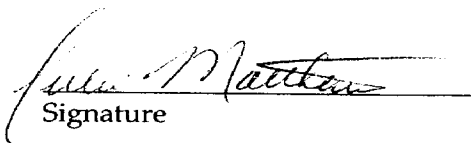
Chidamber R. Kulkarni

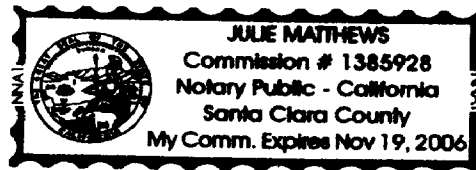
State of California)
 County of Santa Clara)

CAPACITY CLAIMED BY SIGNER
☒ oneself/themselves

On January 31, 2006 before me, Julie Matthews, Notary Public, personally appeared Chidamber R. Kulkarni ☐ 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 31st day of January, 2006.



Gordon J. Brebner

State of California)
County of Santa Clara)

CAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

On January 31, 2006 before me, Julie Matthews, Notary Public, personally appeared Gordon J. Brebner [~~—~~ 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



KK:jam