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



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U.S. DEPARTMENT OF COMMERCE
Patent Office

8.2007

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To the Honorable Commissioner of Patent

and original documents or copy thereof.

1. Name of conveying party(ies):

Chidamber R. Kulkarni; Arifur Rahman

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

3. Nature of Conveyance:

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

Execution Date: 08-20-07

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 ☒ 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:

August 20, 2007

A. Patent Application No.(s)

B. Patent No.(s)

New Patent Application:
"METHODS FOR IMPLEMENTING PROGRAMMABLE
MEMORY CONTROLLER FOR DISTRIBUTED
DRAM-FPGA SYSTEM-IN-PACKAGE (SiP)"

Additional numbers attached? ☐ Yes ☒ No

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

Name: MICHAEL R. HARDAWAY

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

☒ Authorized to be charged to deposit account

8. 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.

MICHAEL R. HARDAWAY

Name of Person Signing

Signature

August 20, 2007

Date

JAM

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

Mail documents to be recorded with required cover sheet information to

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Alexandria, Virginia 22313-1450

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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
Arifur Rahman of 1445 Pinehurst Drive, San Jose, CA 95118

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

**METHODS FOR IMPLEMENTING PROGRAMMABLE MEMORY CONTROLLER FOR
DISTRIBUTED DRAM-FPGA SYSTEM-IN-PACKAGE (SiP)**

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 20th day of August, 2007.


 Chidamber R. Kulkarni

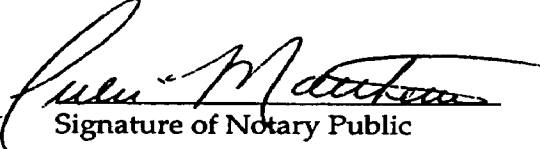
State of California)

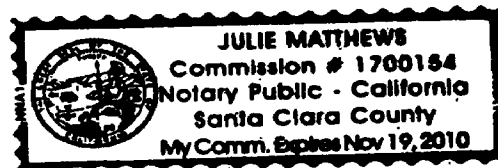
County of Santa Clara)

CAPACITY CLAIMED BY SIGNER
 (X) individual signing for
 oneself

On August 20, 2007 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 of Notary Public



Executed this 20th day of August, 2007.

Arifur Rahman
Arifur Rahman

State of California)

County of Santa Clara)

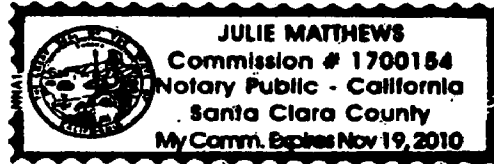
CAPACITY CLAIMED BY SIGNER

(X) individual signing for
oneself

On August 20, 2007 before me, Julie Matthews, Notary Public, personally appeared Arifur Rahman ~~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.

Julie Matthews
Signature of Notary Public



MRH:jam