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U.S. DEPARTMENT OF COMMERCE
Patent Office

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To the Honorable Commissioner of Patents and Trademarks, U.S. Department of Commerce
Original documents or copy thereof.

1. Name of conveying party(ies):
Eric Douglas Groen and Charles Walter Boecker

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

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

3. Nature of Conveyance:
 Assignment [] Merger
 Security Agreement [] Change of Name
 Other

Execution Date: October 4, 2001

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:
A. Patent Application No.(s)
U.S. Serial Number 09/968,471 filed 9/28/01

Additional numbers attached? [] Yes [X] No

B. Patent No.(s) _____

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

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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.

H. C. CHAN, 35,477 [Signature] December 6, 2001
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: [3]

MOM

Mail documents to be recorded with required cover sheet information to
Commissioner for Patents, Box Assignments
Washington, D. C. 20231

ASSIGNMENT

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

Eric Douglas Groen of 3404 Coy #6, Ames Iowa 50014
Charles Walter Boecker of 420 South 4th, #11, Ames Iowa 50014

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

Correction of Duty-Cycle Distortion in Communications and Other Circuits

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 4th day of October, 2001.

Eric Groen
Eric Douglas Groen

State of Iowa
County of Story

CAPACITY CLAIMED BY SIGNER
 oneself/themselves

On October 4, 2001 before me, Nancy A. Gorman Notary Public, personally appeared Eric Douglas Groen [] 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 executed the same in his authorized capacity, and that by his 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.

Nancy A. Gorman
Signature

Commission No. 708404
My Commission expires
February 20, 2004

Executed this 4th day of October, 2001.

Charles Boecker
Charles Walter Boecker

State of Iowa
County of Story

CAPACITY CLAIMED BY SIGNER
 oneself/themselves

On October 4, 2001 before me, Nancy A. Gorman Notary Public, personally appeared Charles Walter Boecker 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 executed the same in his authorized capacity, and that by his 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.

Nancy A. Gorman
Signature

Commission No. 708404
My Commission expires
February 20, 2004

HCC:mom