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To the Honorable Commissi

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d the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Martin B. Rhodes

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

3. Nature of Conveyance:

- ☒ [ ] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other

Execution Date: 10-07-05

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

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: 10-25-05

A. Patent Application No.(s)

Martin B. Rhodes  
"Method of and Circuit for Generating a Plurality of Data  
Streams"

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)

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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

October 25, 2005

Date

Total number of pages including cover sheet, attachments, and document: [ 02]

PAT

Mail documents to be recorded with required cover sheet information to

Commissioner for Patents, Mail Stop: Assignments  
Alexandria, Virginia 22313-1450

10/31/2005 ECDUPER 00000106 240040 11258684

01 FC:8021 40.00 BA

ASSIGNMENT

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

Martin B. Rhodes of Flat 1, 5 Glen Street, Edinburgh, Scotland EH3 9JD  
 of \_\_\_\_\_  
 of \_\_\_\_\_

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 OF AND CIRCUIT FOR GENERATING A PLURALITY OF DATA STREAMS

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 7 day of OCTOBER, 2005.

M B Rhodes  
 Martin B. Rhodes  
 CAPACITY CLAIMED BY SIGNER  
☐ [ X ] oneself/themselves

State of/state/ctry )  
 County of UK )

WITNESS my hand STUART ALAN NUBET  
 [Printed Name]

S. A. Nubet 7<sup>th</sup> of Oct 05  
 Signature Date

WITNESS my hand DAVID RAMSAY  
 [Printed Name]

D Ramsay 7 Oct 2005  
 Signature Date

KK:pbs