

12-18-2002



File no:

X-1037-2 US

COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent Office

LY

To the Honorable Commissioner

102314299

See attached original documents or copy thereof.

1. Name of conveying party(ies):

Stephen G. Edwards; Donald J. Davis; Jonathan C. Harris; James E. Jensen; Andreas B. Kollegger; Ian D. Miller

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 Drive

City: San Jose State: California Zip: 95124

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

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

Execution Date: 11-25 & 26, 2002

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: 12-04-02

A. Patent Application No.(s)

Stephen G. Edwards; Donald J. Davis; Jonathan C. Harris;
James E. Jensen; Andreas B. Kollegger; Ian D. Miller
"Determining Hardware Generated by High Level Language
Compilation Through Loop Optimizations"

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: KEITH A. CHANROO

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)

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.

KEITH A. CHANROO, 36,480

Name of Person Signing

Signature

December 4, 2002

Date

Total number of pages including cover sheet, attachments, and document: [05]

PBS

Mail documents to be recorded with required cover sheet information to

Commissioner for Patents, Box Assignments
Washington, D. C. 20231

12/17/2002 BTOM11 00000247 240040 10310362

01 FC:8021

40.00 CH

PATENT
REEL: 13575 FRAME: 0248

ASSIGNMENT

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

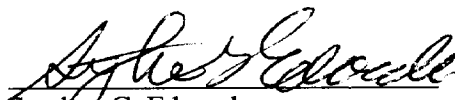
<u>Stephen G. Edwards</u>	of <u>15034 Kenwood Court, Woodbine, MD 21797</u>
<u>Donald J. Davis</u>	of <u>11016 Dorsch Farm Road, Ellicott City, MD 21042</u>
<u>Jonathan C. Harris</u>	of <u>3923 White Rose Way, Ellicott City, MD 21042</u>
<u>James E. Jensen</u>	of <u>7764 Chatfield Lane, Ellicott City, MD 21043</u>
<u>Andreas B. Kollegger</u>	of <u>1609 Lancaster Street, Baltimore, MD 21231</u>
<u>Ian D. Miller</u>	of <u>10631 Hellebore Road, Charlotte, NC 28213</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

DETERMINING HARDWARE GENERATED BY HIGH LEVEL LANGUAGE
COMPILATION THROUGH LOOP OPTIMIZATIONS

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 25 day of November, 20 02.

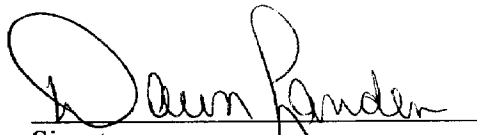

Stephen G. Edwards

State of Maryland)
County of Prince George's

CAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

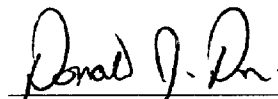
On November 25, 2002 before me, Dawn Landen, Notary Public, personally appeared Stephen G. Edwards [] personally known to me --or-- [X] proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the 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

DAWN LANDEN
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires October 1, 2005

Executed this 25 day of November, 20 02.

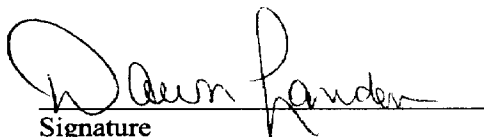


Donald J. Davis

State of Maryland
County of Prince George'sCAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

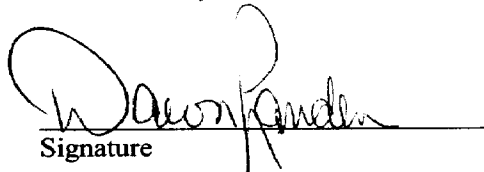
On November 25, 2002 before me, Dawn Landen, Notary Public,
personally appeared Donald J. Davis [] personally known to me --or-- [☒] proved to me on the basis
of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me
that he/she executed the same 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.


SignatureDAWN LANDEN
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires October 1, 2005Executed this 25 day of November, 2002.
Jonathan C. HarrisState of Maryland
County of Prince George'sCAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

On November 25, 2002 before me, Dawn Landen, Notary Public,
personally appeared Jonathan C. Harris [] 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.


SignatureDAWN LANDEN
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires October 1, 2005Executed this 25th day of November, 2002.

Signed in Counterpart

Docket No. X-1037-2 US

James E. Jensen
James E. Jensen

State of Maryland
County of Prince George's

CAPACITY CLAIMED BY SIGNER
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On November 25, 2002 before me, Dawn Landen, Notary Public,
personally appeared James E. Jensen [] 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.

Dawn Landen
Signature

DAWN LANDEN
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires October 1, 2005

Executed this 25 day of November, 2002.

Andreas B. Kollegger
Andreas B. Kollegger

State of Maryland
County of Prince George's

CAPACITY CLAIMED BY SIGNER
[X] oneself/themselves

On November 25, 2002 before me, Dawn Landen, Notary Public,
personally appeared Andreas B. Kollegger [] 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.

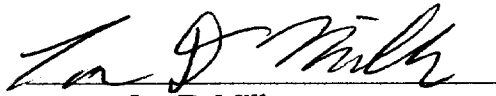
Dawn Landen
Signature

DAWN LANDEN
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires October 1, 2005

Executed this _____ day of _____, 20____.

Ian D. Miller
Ian D. Miller

PATENT
REEL: 13575 FRAME: 0251

Executed this 26 day of November, 2002.
Ian D. MillerState of North Carolina)

SIGNER) ss.

individual(s) signing for

County of Catawba)

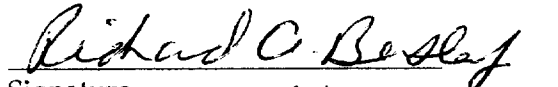
CAPACITY CLAIMED BY

()

☒ [X] oneself/themselves

On Nov 26, 2002 before me, Richard A. Bensley Jr Notary Public,
personally appeared Ian D. Miller [] 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 11/22 Jan 06

KAC:pbs