

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

## CONVEYING PARTY DATA

| Name               | Execution Date |
|--------------------|----------------|
| Robert Yin         | 01/12/2005     |
| Hamish T. Fallside | 01/13/2005     |
| Richard P. Burnley | 01/07/2005     |
| Nicholas McKay     | 01/07/2005     |
| Martin B. Rhodes   | 01/07/2005     |
| Douglas M. Grant   | 01/07/2005     |
| Stuart A. Nisbet   | 01/07/2005     |
| Gareth D. Edwards  | 01/07/2005     |

## RECEIVING PARTY DATA

|                 |                  |
|-----------------|------------------|
| Name:           | XILINX, INC.     |
| Street Address: | 2100 LOGIC DRIVE |
| City:           | SAN JOSE         |
| State/Country:  | CALIFORNIA       |
| Postal Code:    | 95124            |

## PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12352225 |

## CORRESPONDENCE DATA

Fax Number: (408)377-6137

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 408-879-5216

Email: susan.wiens@xilinx.com

Correspondent Name: XILINX, INC.

Address Line 1: 2100 LOGIC DR

Address Line 2: ATTN: LEGAL DEPT

Address Line 4: SAN JOSE, CALIFORNIA 95124

CH \$40.00 12352225

500751789

PATENT  
REEL: 022091 FRAME: 0831

|  |                 |
|--|-----------------|
| ATTORNEY DOCKET NUMBER:  | X-1854-3D-1D US |
| NAME OF SUBMITTER:   | Susan Wiens     |
| <p>Total Attachments: 5</p> <p>source=X_1854_3D_1D_US_Assign_e filed#page1.tif</p> <p>source=X_1854_3D_1D_US_Assign_e filed#page2.tif</p> <p>source=X_1854_3D_1D_US_Assign_e filed#page3.tif</p> <p>source=X_1854_3D_1D_US_Assign_e filed#page4.tif</p> <p>source=X_1854_3D_1D_US_Assign_e filed#page5.tif</p> |                 |

ASSIGNMENT

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

|                           |    |   |
|---------------------------|----|---|
| <u>Robert Yin</u>         | of | <u>16768 Columbia Drive, Castro Valley, CA 94552</u>          |
| <u>Hamish T. Fallside</u> | of | <u>644 San Benito Avenue, Los Gatos, Ca 95030</u>             |
| <u>Richard P. Burnley</u> | of | <u>3412 Stacey Court, Mountain View, CA 94040</u>             |
| <u>Nicholas McKay</u>     | of | <u>6/10 Dorset Place, Edinburgh, Scotland EH11 1JP</u>        |
| <u>Martin B. Rhodes</u>   | of | <u>Flat 1, 5 Glen Street, Edinburgh, Scotland EH3 9JD</u>     |
| <u>Douglas M. Grant</u>   | of | <u>2a Brunswick Street, Edinburgh, Scotland EH7 5JD</u>       |
| <u>Stuart A. Nisbet</u>   | of | <u>5 Craiglockhart Crescent, Edinburgh, Scotland EH14 1EZ</u> |
| <u>Gareth D. Edwards</u>  | of | <u>142 Swanston Muir, Edinburgh, Scotland EH10 7HY</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

NETWORK MEDIA ACCESS CONTROLLER  
EMBEDDED IN A PROGRAMMABLE LOGIC DEVICE - HOST INTERFACE

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 12<sup>th</sup> day of January, 2005

Robert Yin

Robert Yin

State of California )  
County of Santa Clara )

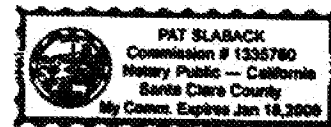
CAPACITY CLAIMED BY SIGNER

☒ [X] oneself/themselves

On January 12, 2005 before me, Pat Slaback, Notary Public, personally appeared Robert Yin [ ] 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.


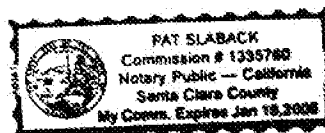
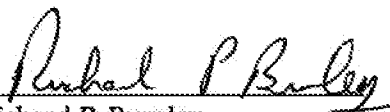
Pat Slaback  
Signature



Executed this 13<sup>th</sup> day of January, 2005  
\_\_\_\_\_  
Hamish T. FallsideState of California )  
County of Santa Clara )CAPACITY CLAIMED BY SIGNER  
[ X ] oneself/themselves

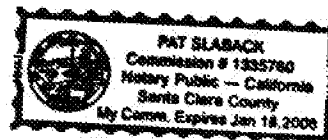
On January 13, 2005 before me, Pat Slaback, Notary Public, personally appeared Hamish T. Fallside [ ] personally known to me --or-- [X] proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the 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.

  
\_\_\_\_\_  
SignatureExecuted this 7<sup>th</sup> day of January, 2005  
\_\_\_\_\_  
Richard P. BurnleyState of California )  
County of Santa Clara )CAPACITY CLAIMED BY SIGNER  
[ X ] oneself/themselves

On January 5, 2005 before me, Pat Slaback, Notary Public, personally appeared Richard P. Burnley [ ] 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

Signed in Counterpart

Docket No. X-1854-3 US

Executed this 7 day of January, 20005

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )


Nicholas McKay  
Nicholas McKay  
CAPACITY CLAIMED BY SIGNER  
☒ [X] oneself/themselves

WITNESS my hand

P. G. Robertson  
Signature

2005-01-07  
Date

WITNESS my hand

  
Signature

2005-07-27  
Date

Executed this 7 day of JANUARY, 20015

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

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

WITNESS my hand

P. L. Robertson  
Signature

7005-01-07  
Date

WITNESS my hand

Signature Neil R. Rabin

2005-01-07  
Date

Executed this 7 day of JAN, 2005

State of \_\_\_\_\_  
County of \_\_\_\_\_

Douglas M. Grant  
Douglas M. Grant  
CAPACITY CLAIMED BY SIGNER  
[ X ] oneself/themselves

WITNESS my hand

P. G. Robertson 2005-01-07  
Signature Date

WITNESS my hand

Ned R. Nisbet 2005-01-07  
Signature Date

Executed this 7<sup>th</sup> day of Jan, 2005

State of \_\_\_\_\_  
County of \_\_\_\_\_

Stuart A. Nisbet  
Stuart A. Nisbet  
CAPACITY CLAIMED BY SIGNER  
[ X ] oneself/themselves

WITNESS my hand

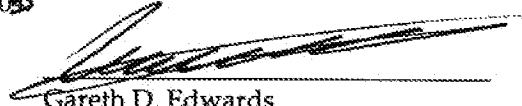
P. G. Robertson 2005-01-07  
Signature Date

WITNESS my hand

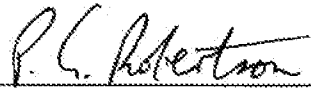
Ned R. Nisbet 2005-01-07  
Signature Date

Executed this 7th day of JANUARY, 2005

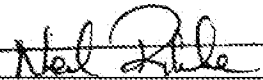
State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

  
Gareth D. Edwards  
CAPACITY CLAIMED BY SIGNER  
☒ oneself/themselves

WITNESS my hand

  
Signature Date 2005-01-07

WITNESS my hand

  
Signature Date 2005-01-07

KK:pbs