



To the Honorable Commissioner of Patents:

103332138

original documents or copy thereof.

1. Name of conveying party(ies):
Robert Yin; Hamish T. Fallside; Richard P. Burnley; Nicholas McKay; Martin B. Rhodes; Douglas M. Grant

1031-02
Additional name(s) of conveying party(ies) attached? [] Yes [X] 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 [X] No

112963 U.S. PTO
11/590579



3. Nature of Conveyance:
 Assignment [] Merger
 Security Agreement [] Change of Name
 Other
Execution Date: 01-07, 12, & 13-2005

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: 10-31-06
A. Patent Application No.(s)
Robert Yin; Hamish T. Fallside; Richard P. Burnley; Nicholas McKay; Martin B. Rhodes; Douglas M. Grant
"Network Media Access Controller Embedded in a Programmable Logic Device - Address Filter"
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: LOIS D. CARTIER, 40,941
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.

LOIS D. CARTIER, 40,941
Name of Person Signing

Signature

PAT

October 31, 2006
Date

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

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Mail documents to be recorded with required cover sheet information to
Commissioner for Patents, Mail Stop: Assignments
Alexandria, Virginia 22313-1450

COPY

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>

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 - ADDRESS FILTER

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 12th day of January, 2005

Robert Yin
Robert Yin

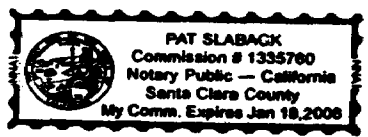
State of California)
County of Santa Clara)

CAPACITY CLAIMED BY SIGNER
 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 13th day of January, 2004⁵

Hamish T. Fallside

Hamish T. Fallside

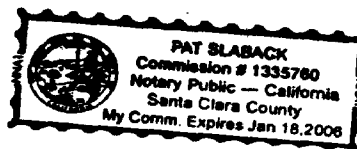
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County of Santa Clara)

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 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.

Pat Slaback
Signature



Executed this 7th day of January, 2004⁵

Richard P. Burnley

Richard P. Burnley

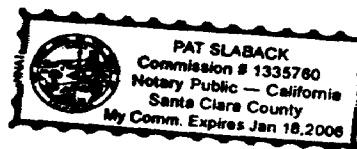
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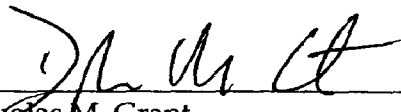
On January 7, 2005 before me, Pat Slaback, Notary Public, personally appeared Richard P. Burnley [] personally known to me --or-- [X] proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed the 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.

Pat Slaback
Signature



Executed this 7 day of JAN, 2005

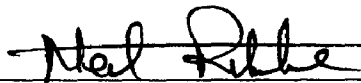

Douglas M. Grant
CAPACITY CLAIMED BY SIGNER
 oneself/themselves

State of _____)
County of _____)

WITNESS my hand

 2005-01-07
Signature Date

WITNESS my hand

 2005-01-07
Signature Date

KK:pbs