

06-28-2004

no: X-1637 US

FORM PTO-1595
6-93
OMB No. 0651-0011 (exp. 4/94)



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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Victor Z. Slonim; Salim Abid

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: 06-10-04

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: 06-15-04
A. Patent Application No.(s)
Victor Z. Slonim, Salim Abid
"Cost-Independent Criticality-Based Move Selection for Simulated Annealing"
Additional numbers attached? [] Yes [X] No

B. Patent No.(s)
6-15-04
10848956

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
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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 [Signature] June 15, 2004
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and document: [03]

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PATENT
REEL: 015493 FRAME: 0183

17302 U.S. PTO
10/868956
061504

ASSIGNMENT

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

Victor Z. Slonim of 1035 Aspen Way, Broomfield, CO 80020

Salim Abid of 1240 Forum Drive, , Lafayette, CO 80026

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

**COST-INDEPENDENT CRITICALITY-BASED MOVE SELECTION
FOR SIMULATED ANNEALING**

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 10 day of June, 2004.

V Slonim
Victor Z. Slonim

State of Colorado)

) ss.

CAPACITY CLAIMED BY SIGNER

() individual(s)

signing for

County of Boulder)

[X] oneself/themselves

On June 10, 2004 before me, Lois D. Cartier, Notary Public, personally appeared Victor Z. Slonim [] 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.

Lois D. Cartier
Signature

Lois D. Cartier, Notary Public
State of Colorado
My Commission Expires 4/14/2008



