



01-10-2002

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HEET

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

101939355

Atty. Dkt. No.: SYN-001

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

1. Name of conveying party(ies):

**Peter Wohl**  
**John A. Waicukauski**  
**Thomas W. Williams**

Additional name(s) of conveying party(ies) attached?

Yes  No

1-03-02

2. Name and address of receiving party(ies):

Name: **Synopsys Inc.**

Street Address: **700 East Middlefield Road**

City/State/Zip: **Mountain View, CA 94043**

Additional name(s) & address(es) attached?

Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: 10/18/2001, 10/22/2001, 10/24/2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: N/A

A. Patent Application No.(s): 09/950 292

B. Patent No.(s):

Additional numbers attached?  Yes  No

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

Name:

Jeanette S. Harms  
 Bever, Hoffman & Harms, LLP  
 2099 Gateway Place, Suite 320  
 San Jose, CA 95110-1017

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) .....\$40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 50-0574  
 (Attorney Docket No.: SYN-001)

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.*

Jeanette S. Harms  
 Name of Person Signing

Signature

November 30, 2001  
 Date

Total number of pages including cover sheet, attachments, and document: [4]

01/09/2002 RANMED1 00000061 500574 09950292  
01 FC:581 40.00 CH

ASSIGNMENT

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


Peter Wohl of 115 Harte Circle Williston, VT 05495  
John A. Waicukauski of 6510 S.W. Knollwood Ct. Tualatin, OR 97062  
Thomas W. Williams of 1113 Spruce Street Boulder, CO 80302

hereby sell, assign and transfer to **Synopsys Inc.**, a Delaware corporation, having a place of business at 700 East Middlefield Road Mountain View, CA 94043, its successors and assigns, the entire right, title and interest throughout the world in our invention in

**EFFICIENT COMPRESSION AND APPLICATION OF DETERMINISTIC PATTERNS IN A LOGIC BIST ARCHITECTURE**

for which United States patent application Serial Number 09/950,292 was filed on September 7, 2001, 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; 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 us; 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, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and 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 22 day of October, 2001.

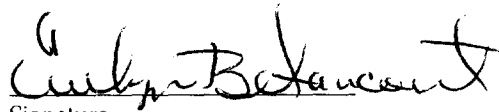
  
Peter Wohl

State of Vermont  
County of Chittenden ss.

CAPACITY CLAIMED BY SIGNER  
 individual(s) signing for  
 oneself/themselves

On October 22, 2001 before me, Evelyn Betancourt personally appeared Peter Wohl [ ] 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

My Commission Expires Feb. 10, 2003

Executed this 24 day of October, 2001.

John A. Waicukauski  
John A. Waicukauski

State of Oregon )  
 ) ss.  
County of Clackamas

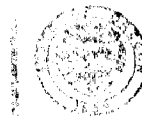
CAPACITY CLAIMED BY SIGNER  
( ) individual(s) signing for  
[X] oneself/themselves

On October 24 before me, Diane M. Pankonin, personally appeared John A. Waicukauski [ ] 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.

Diane M. Pankonin

Signature



OFFICIAL SEAL  
DIANE M PANKONIN  
NOTARY PUBLIC - OREGON  
COMMISSION NO. 328124  
MY COMMISSION EXPIRES MAY 29, 2004

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2001.

Thomas W. Williams

State of \_\_\_\_\_ )  
 ) ss.  
County of \_\_\_\_\_ )

CAPACITY CLAIMED BY SIGNER  
( ) individual(s) signing for  
[X] oneself/themselves

On \_\_\_\_\_ before me, \_\_\_\_\_, personally appeared Thomas W. Williams [ ] 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2001.

John A. Waicukauski

State of \_\_\_\_\_ )  
 ) ss.  
County of \_\_\_\_\_ )

CAPACITY CLAIMED BY SIGNER  
( ) individual(s) signing for  
[ X ] oneself/themselves

On \_\_\_\_\_ before me, \_\_\_\_\_, personally appeared John A. Waicukauski [ ] 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

Executed this 18th day of October, 2001.

J. W. Williams  
Thomas W. Williams

State of California )  
 ) ss.  
County of Santa Clara )

CAPACITY CLAIMED BY SIGNER  
( ) individual(s) signing for  
[ X ] oneself/themselves

On October 18, 2001 before me, Marie A. Cannon, personally appeared Thomas W. Williams [ ] 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 executed the same in his authorized capacity, and that by his 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.

Marie A. Cannon  
Signature

