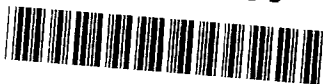


02-03-2005



102933170

ATTORNEY DOCKET NO: SYN006 US

U.S. DEPARTMENT OF COMMERCE

VER SHEET  
ONLY

PATENT AND TRADEMARK OFFICE

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

## 1. Name of conveying party(ies):

- a. Michel Cote
- b. Michael Rieger
- c. Philippe Hurat
- c. Robert Lugg
- c. Jeff Mayhew

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

☐ Yes ☒ No

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

Name: Synopsys, Inc.

Street Address: 700 East Middlefield Road

City: Mountain View, CA 94043

Country: USA

## 3. Nature of Conveyance:

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

Execution Date: 1/18/05, 1/13/05, 1/18/15, 1/13/05, 1/13/05

## Name and address of receiving party(ies):

Name:

Street Address:

City:

State:

Zip:

Country:

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

☐ Yes ☒ No

## 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:

A. Patent Application No.(s) - 10/977,556

Title: Silicon Tolerance Specification Using Shapes As Design  
Intent Markers

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Omkar K. Suryadevara

Internal Address: Silicon Valley Patent Group LLP

Street Address: 2350 Mission College Boulevard, Suite 360

City Santa Clara State CA Zip 95054

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
- ☒ Charge Deposit Account 50-2263 for any additional fees required for this conveyance and credit deposit account 50-2263 any amounts overpaid

02/02/2005 ECDOPER 00000161 10977556

01 FC:0021

40.00 OP

DO NOT USE THIS SPACE

## 8. 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.*Omkar K. Suryadevara 36,320  
Name of Person SigningS. Omkar  
SignatureJan 27, 2005  
Date

Total number of pages including cover sheet, attachments, and documents: 9

PATENT  
REEL: 016204 FRAME: 0459

**ASSIGNMENT**

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

Michel Cote of 3327 Provence Court, San Jose, CA 95135;

Michael Rieger of 4215 SW Stephenson Street, Portland, OR 97129;

Philippe Hurat of 14542 Weeth Drive, San Jose, CA 95124;


Robert Lugg of 327 NE 18th Avenue, Hillsboro, OR 97124; and

Jeff Mayhew of 5020 SW Dosch Road, Portland, OR 97239

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 my invention in

**SILICON TOLERANCE SPECIFICATION USING SHAPES AS DESIGN INTENT MARKERS**

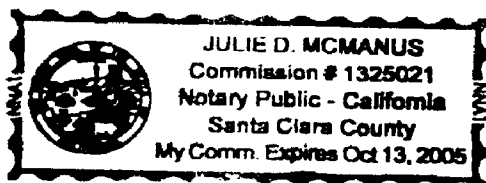
Which was filed on or about October 29, 2004, and now has Application No. 10/977,556, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I 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; I 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 their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 18<sup>th</sup> day of January, 2004. *me*  
  
Michel Cote

State of California )

) ss.  
County of Santa Clara )

On January 18, 2005 before me,  
Julie D. McManus personally appeared Michel Cote  
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 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.

Julie D. McManus  
SIGNATURE OF NOTARY

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Michael Rieger

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

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

On \_\_\_\_\_ before me,  
\_\_\_\_\_ personally appeared Michael Rieger  
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 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.

\_\_\_\_\_  
SIGNATURE OF NOTARY

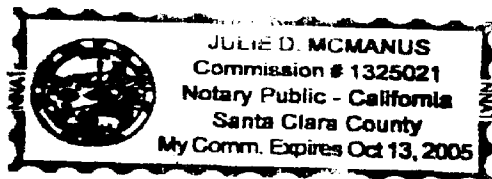
Executed this 18th day of January, 2004. <sup>5<sup>me</sup></sup>

Philippe Hurat  
Philippe Hurat

State of California )

) ss.  
County of Santa Clara )

On January 18, 2005 before me,  
Julie D. McManus personally appeared Philippe Hurat  
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 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.

Julie D. McManus  
SIGNATURE OF NOTARY

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

Robert Lugg  
Robert Lugg

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

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

On \_\_\_\_\_ before me,  
\_\_\_\_\_ personally appeared Robert Lugg  
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 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.

\_\_\_\_\_  
SIGNATURE OF NOTARY

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Jeff Mayhew

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

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

On \_\_\_\_\_ before me,

\_\_\_\_\_ personally appeared Jeff Mayhew  
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 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.

\_\_\_\_\_  
SIGNATURE OF NOTARY

Attorney Docket No.: SYN006 US

**ASSIGNMENT**

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

Michel Cote of 3327 Provence Court, San Jose, CA 95135;

Michael Rieger of 4215 SW Stephenson Street, Portland, OR 97129;

Philippe Hurat of 14542 Weeth Drive, San Jose, CA 95124;

Robert Lugg of 327 NE 18th Avenue, Hillsboro, OR 97124; and

Jeff Mayhew of 5020 SW Dosch Road, Portland, OR 97239

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 my invention in

**SILICON TOLERANCE SPECIFICATION USING SHAPES AS DESIGN INTENT  
MARKERS**

Which was filed on or about October 29, 2004, and now has Application No. 10/977,556, 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 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; I 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 their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Michel Cote

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

) ss.

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

On \_\_\_\_\_ before me,

\_\_\_\_\_ personally appeared Michel Cote 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 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.

SIGNATURE OF NOTARY

Executed this 13 day of January, 2005

Michael Rieger  
Michael Rieger

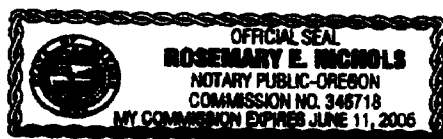
State of Oregon)

) ss.

County of Washington)On January 13, 2005 before me,

Michael Rieger personally appeared Michael Rieger 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 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.



SIGNATURE OF NOTARY

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

\_\_\_\_\_  
Philippe Hurat

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

) ss.

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

On \_\_\_\_\_ before me,

\_\_\_\_\_ personally appeared Philippe Hurat 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 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.

\_\_\_\_\_  
SIGNATURE OF NOTARY

Executed this 13<sup>th</sup> day of January, 2005 <sup>am</sup>

Robert Lugg  
Robert Lugg

State of Oregon )

) ss.

County Washington )

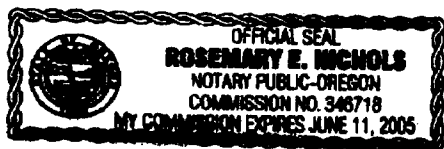
On January 13, 2005 before me,

Joseph E. Fiske personally appeared Robert Lugg 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 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.

PATENT

REEL: 016204 FRAME: 0466





WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Executed this 13<sup>TH</sup> day of JANUARY, 2005

Jeff Mayhew

State of

) ss.

County of

On January 13, 2005 before me,

Rosemary E. Nichols personally appeared Jeff Mayhew  
~~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 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.

SIGNATURE OF NOTARY