

11-22-2005



103123376

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

EMIL GIZDARSKI

Additional name(s) of conveying party(ies) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 9 November 2005

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

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

Name: SYNOPSYS, INC.

Internal Address: \_\_\_\_\_

Street Address: 700 E. Middlefield Road

City: Mountain View

State: CA

Country: USA Zip: 94043-4033

Additional name(s) & address(es) attached?  Yes  No

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

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

11/18/2005 SHASSEN1 00000044 11274355

40.00 DP

Additional numbers attached?  Yes  No

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

Name: Kenta Suzue

Internal Address: Haynes Beffel & Wolfeld LLP

Street Address: 751 Kelly Street

P.O. Box 366

City: Half Moon Bay

State: CA Zip: 94019

Phone Number: (650) 712-0340

Fax Number: (650) 712-0263

Email Address: ksuzue@hmbay.com

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

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-0869 (SYNP 628-1)

Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

11/15/2005

Date

KENTA SUZUE REG. NO. 45,145  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**SOLE TO CORPORATE  
ASSIGNMENT**

WHEREAS, the undersigned,

Emil Gizdarski  
3770 Flora Vista Ave, Apt. 501  
Santa Clara, CA 95051

hereinafter termed "Inventor", has invented certain new and useful improvements in

**METHOD AND APPARATUS FOR SYNTHESIS OF MULTIMODE  
X-TOLERANT COMPRESSOR**

and has filed a non-provisional application for a United States patent disclosing and identifying the above invention on \_\_\_\_\_ as Application No. \_\_\_\_\_, OR is filing such an application herewith, and has executed an oath or declaration of inventorship for such non-provisional application on:

(1) the 9<sup>th</sup> day of November, 2005;

(hereinafter termed "applications"); and

WHEREAS, **Synopsys, Inc., a corporation of the state of Delaware, located at 700 E. Middlefield Road, Mountain View, California 94043-4033** (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said applications and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor jointly or severally (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said Inventor does hereby jointly and severally sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said applications and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

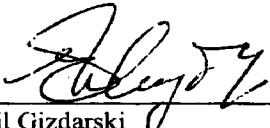
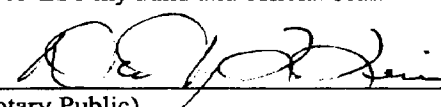
2. Said Inventor hereby jointly and severally covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor

shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, jointly and severally, the inventors' respective heirs, legal representatives and assigns.

4. Said Inventor hereby jointly and severally warrants and represents that said inventors have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee as of the date written below.

 Emil Gizdarski  <u>11/09/2005</u> Date	State of California ) ) County of <u>SANTA CLARA</u> )  On <u>9 NOV.</u> , 2005, before me, <u>DOROTHY L. LEVIN</u> , personally appeared Emil Gizdarski, <input checked="" type="checkbox"/> personally known to me or <input type="checkbox"/> 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.   _____ (Notary Public)
