502399942 06/26/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Robert J. Erickson	06/26/2013

RECEIVING PARTY DATA

Name:	Synopsys, Inc.
Street Address:	700 East Middlefield Road
City:	Mountain View
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13928293

CORRESPONDENCE DATA

Fax Number: 4087208383

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (408) 720-8300

Email: joan_abriam@bstz.com

Correspondent Name: Judith A. Szepesi

Address Line 1: Blakely, Sokoloff, Taylor & Zafman LLP

Address Line 2: 1279 Oakmead Parkway
Address Line 4: Sunnyvale, CALIFORNIA 94085

ATTORNEY DOCKET NUMBER:	8689P091Z
NAME OF SUBMITTER:	Judith Szepesi
Signature:	/Judith Szepesi/
Date:	06/26/2013

Total Attachments: 2

source=2986P2294_Assignment#page1.tif source=2986P2294_Assignment#page2.tif

PATENT REEL: 030694 FRAME: 0229 440.00 139

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 2986P2294
For good and valuable consideration, the receipt and acknowledged, I/we, the undersigned, Robert J. Erickson	•
hereby sell, assign, and transfer to Synopsys, Inc.	
a <u>corporation</u> (Type of Assignee: e.g., corporation, company, partnership, university, e	of <u>California</u> ,
having a principal place of business at 700 East Middlefield	d Road, Mountain View
California 94043 United States	,
("Assignee"), and its successors, assigns, and legal represe for the United States and all foreign countries, in and to any are disclosed in the application (provisional or non-provision the non-provisional application may have a declaration exec concurrently herewith and which application (provisional or a CLUSTERING USING N-DIMENSIONAL F	and all inventions or improvements that hal) for the United States patent which for cuted by the undersigned prior hereto or non-provisional) is entitled
said patent application also identified as follows (when know	,
[I/we hereby authorize an attorney or agent for said number and filing date of said patent application wh	
United States Patent Application Number13/928,293f	filed June 26, 2013 ,
and in and to said application (provisional or non-provisional provisional applications, utility applications, design applications applications, continued prosecution applications, continuation applications, renewal applications, reissue applications, reexpatent applications that have been or shall be filed in the Urrany of said inventions or improvements; and in and to all or reexamination certificates, and extensions, that have been all foreign countries on said inventions or improvements; and from the filing of said United States application;	ons, divisional applications, continuation on-in-part applications, substitute xaminations, extensions, and all other nited States and all foreign countries on iginal patents, reissued patents, or shall be issued in the United States and
agree that said Assignee may apply for and receive	

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents

2986P2294 - 1 - Rev. 1/08/2010

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

JUNE 26, 2013 /

Robert J. Erickson
Printed/Typed Name

Signature

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300

2986P2294

-2-

Rev. 1/08/2010

PATENT REEL: 030694 FRAME: 0231