

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Victor Moroz	07/23/2007
Dipankar Pramanik	08/03/2007
RECEIVING PARTY DATA	
Name:	Synopsys, Inc.
Street Address:	700 E. Middlefield Road
City:	Mountain View
State/Country:	CALIFORNIA
Postal Code:	94043
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11757335
CORRESPONDENCE DATA	
Fax Number:	(650)712-0263
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(650) 712-0240
Email:	bcurrent@hmbay.com
Correspondent Name:	Joseph E. Root
Address Line 1:	Haynes Beffel & Wolfeld
Address Line 2:	P.O. Box 366
Address Line 4:	Half Moon Bay, CALIFORNIA 94019
ATTORNEY DOCKET NUMBER:	SYNP 0934-1
NAME OF SUBMITTER:	Joseph E. Root, Reg. No. 30,678
<p>Total Attachments: 5</p> <p>source=2007-08-14_Assignment#page1.tif</p> <p>source=2007-08-14_Assignment#page2.tif</p>	

OP \$40.00 11757335

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**PATENT**  
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JOINT TO CORPORATE  
ASSIGNMENT

WHEREAS, the undersigned,

(1)	Victor Moroz	(2)	Dipankar Pramanik
	<del>12099 Atrium Drive</del> 17035 Bohelman Rd		12667 Cheverly Court
	Saratoga, CA 95070		Saratoga, CA 95070
	US		US

hereinafter termed "Inventors", have invented certain new and useful improvements in

**METHOD FOR RAPID ESTIMATION OF LAYOUT-DEPENDENT  
THRESHOLD VOLTAGE VARIATION IN A MOSFET ARRAY**

and have filed an application for a United States patent disclosing and identifying the above invention on **1 June 2007** as **Application No. 11/757,335**, OR are filing such an application herewith, and have executed an oath or declaration of inventorship for such application on:

(1) the 23 day of July, 2007;

(2) the \_\_\_\_\_ day of \_\_\_\_\_, 2007;

(hereinafter termed "application"); and

WHEREAS **Synopsys, Inc.**, a corporation of **Delaware**, having a place of business 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 application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventors' 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 Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application 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 Inventors do hereby jointly and severally covenant and agree 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 Inventors 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 Inventor 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 Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors do hereby jointly and severally warrant and represent that he/she has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

N WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below.

Dated: July 23, 2007

Signed:   
Victor Moroz

Dated: \_\_\_\_\_

Signed: \_\_\_\_\_  
Dipankar Pramanik

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

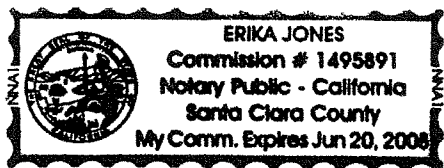
On 07-24-07 before me, Erika Jones, Notary Public  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Victor Moroz  
Name(s) of Signer(s)

☐ personally known to me

☐ (or proved to me on the basis of satisfactory evidence)

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Place Notary Seal Above

Erika Jones

Signature of Notary Public

## OPTIONAL

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

### Description of Attached Document

Title or Type of Document: Joint Corporate Assignment 11/1757.335

Document Date: 072407 Number of Pages: 2

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer(s)

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
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☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

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ASSIGNMENT**

WHEREAS, the undersigned,

(1) Victor Moroz  
12099 Atrium Drive  
Saratoga, CA 95070  
US

(2) Dipankar Pramanik  
12667 Cheverly Court  
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and have filed an application for a United States patent disclosing and identifying the above invention on **1 June 2007** as **Application No. 11/757,335**, OR are filing such an application herewith, and have executed an oath or declaration of inventorship for such application on:

(1) the \_\_\_\_\_ day of \_\_\_\_\_, 2007;

(2) the 3<sup>rd</sup> day of August, 2007;

(hereinafter termed "application"); and

WHEREAS **Synopsys, Inc.**, a corporation of **Delaware**, having a place of business 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 application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventors' 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 Inventors to have been received in full from said Assignee:

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2. Said Inventors do hereby jointly and severally covenant and agree 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 Inventors 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 Inventor in providing such cooperation shall be paid for by said Assignee.

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4. Said Inventors do hereby jointly and severally warrant and represent that he/she has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

N WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below.

Dated: \_\_\_\_\_

Signed: \_\_\_\_\_  
Victor Moroz

Dated: 8/3/07

Signed: Dipankar Pramanik  
Dipankar Pramanik