

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Himanshu Jain</td> <td>06/19/2012</td> </tr> <tr> <td>Carl P. Pixley</td> <td>06/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Himanshu Jain	06/19/2012	Carl P. Pixley	06/19/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SYNOPSYS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>700 E. Middlefield Road</td> </tr> <tr> <td>City:</td> <td>Mountain View</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94043-4033</td> </tr> </table>		Name:	SYNOPSYS, INC.	Street Address:	700 E. Middlefield Road	City:	Mountain View	State/Country:	CALIFORNIA	Postal Code:	94043-4033
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 5307591665 Phone: 530-759-1661 Email: joanne@parklegal.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: A. Richard Park Address Line 1: Park, Vaughan, Fleming & Dowler LLP Address Line 2: 2820 Fifth Street Address Line 4: Davis, CALIFORNIA 95618</p>											
ATTORNEY DOCKET NUMBER:	SNPS-1824US01										
NAME OF SUBMITTER:	A. Richard Park, Reg. No. 41,241										
Total Attachments: 2 source=SNPS-1824US01_Assignment#page1.tif source=SNPS-1824US01_Assignment#page2.tif											

OP \$40.00 13561895

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Himanshu Jain
Carl P. Pixley

2543 NW Overlook Drive #114, Hillsboro, OR 97124
16670 NW Mission Oaks Drive, Beaverton, OR 97006

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

FORMAL VERIFICATION OF BIT-SERIAL DIVISION AND BIT-SERIAL SQUARE-ROOT CIRCUIT DESIGNS

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

___ On the ___ day of _____, 20___;

Or

X Said application having Application Number 13/561,895 and filed on 30 July 2018; and

WHEREAS, SYNOPSYS, INC., a corporation of the State of Delaware, having a place of business at 700 E. Middlefield Road, Mountain View, CA 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 Inventor(s) (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(s) to have been received in full from said Assignee:

1. Said Inventor(s) 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 Inventor(s) 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 Inventor(s) 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

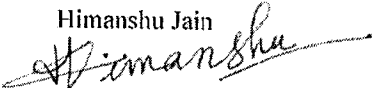
Inventor(s) in providing such cooperation shall be paid for by said Assignee.

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(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

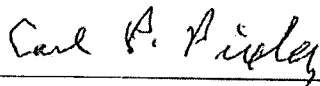
IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below.

Himanshu Jain



Date June 19, 2012

Carl P. Pixley



Date

19 June 2012

Date

Date

Date