505409776 04/03/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5456566 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HARSH CHILWAL	04/02/2019
STEPHEN T. SCHERR	04/02/2019
TODD M. BUZAN	04/02/2019

RECEIVING PARTY DATA

Name:	SYNOPSYS, INC.
Street Address:	690 EAST MIDDLEFIELD ROAD
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16374385

CORRESPONDENCE DATA

Fax Number: (408)645-6548

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

925-699-4238 Phone:

Email: creddick@beverlaw.com

Correspondent Name: BEVER, HOFFMAN & HARMS, LLP

Address Line 1: 39500 STEVENSON PLACE

Address Line 2: **SUITE 209**

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ATTORNEY DOCKET NUMBER: SYN-3202 (3202US02) **NAME OF SUBMITTER:** PATRICK T. BEVER SIGNATURE: /Patrick T. Bever/ **DATE SIGNED:** 04/03/2019

Total Attachments: 1

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PATENT REEL: 048785 FRAME: 0345 505409776

Docket No. SYN-3202 (3202US02)

ASSIGNMENT

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

Harsh Chilwal	\mathbf{of}	2977 Casa Nueva Court, San Jose, CA 95124
Stephen T. Scherr	σf	231 Seminole Woods Blvd., Geneva, FL 32732
Todd M. Buzan	of	15970 SE Norma Road, Milwaukie, OR 97267

hereby sell, assign and transfer to Synopsys, Inc., a Delaware corporation, having a place of business at 690 East Middlefield Road, Mountain View, CA 94043, its successors and assigns, the entire right, title and interest throughout the world in our invention in

"RETENTION MODEL WITH RTL-COMPATIBLE DEFAULT OPERATING MODE"

for which a United States patent application was or is being filed on or about the date of this Assignment, 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; we 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 us; we 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, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this And day of April 2019

Executed this 2 v day of April 2019

Executed this 2 v day of April 2019

Todd M. Buzan

PATENT REEL: 048785 FRAME: 0346

RECORDED: 04/03/2019