

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5773079

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHENCHANG DU	10/16/2019
CHOON H. LEONG	10/16/2019
DAVID A. YOKOYAMA-MARTIN	10/16/2019
JOHN T. STONICK	10/16/2019
SKYE WOLFER	10/16/2019
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:	16654931
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NAME OF SUBMITTER:	PATRICK T. BEVER
SIGNATURE:	/Patrick T. Bever/
DATE SIGNED:	10/16/2019
Total Attachments: 1	

ASSIGNMENT

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

Zhenchang Du of 15356 NW Sweetgale Lane, Portland, OR 97229
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David A. Yokoyama-Martin of 9746 NW Maring Drive, Portland, OR 97229
John T. Stonick of 10044 NW Priscilla Court, Portland, OR 97229
Skye Wolfer of 13659 NW Trevino Street, Portland, OR 97229

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

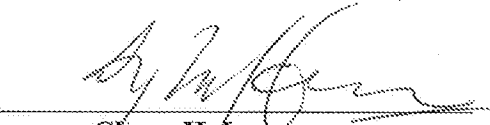
**"CLOCK AND DATA RECOVERY USING CLOSED-LOOP
CLOCK ALIGNMENT AND DUPLICATE SAMPLING CLOCK"**

for which a United States patent application was 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 16 day of October, 2019


Zhenchang Du

Executed this 16 day of October, 2019


Choon H. Leong

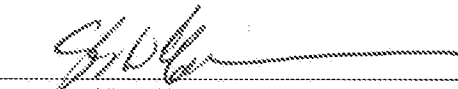
Executed this 16 day of October, 2019


David A. Yokoyama-Martin

Executed this 16 day of OCTOBER, 2019


John T. Stonick

Executed this 16 day of October, 2019


Skye Wolfer