

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6798488

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ZHENGTAO YU	07/02/2021
RECEIVING PARTY DATA		
Name:	SYNOPSYS INCORPORATED	
Street Address:	690 EAST MIDDLEFIELD ROAD	
City:	MOUNTAIN VIEW	
State/Country:	CALIFORNIA	
Postal Code:	94043	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	17367015
CORRESPONDENCE DATA		
Fax Number:	(713)623-4846	
<i>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.</i>		
Phone:	7136234844	
Email:	tjeffrey@pattersonsheridan.com, psdocketing@pattersonsheridan.com	
Correspondent Name:	PATTERSON & SHERIDAN, LLP	
Address Line 1:	595 SHREWSBURY AVENUE	
Address Line 2:	SUITE 100	
Address Line 4:	SHREWSBURY, NEW JERSEY 07702	
ATTORNEY DOCKET NUMBER:	SNOP_3617US02	
NAME OF SUBMITTER:	KEITH TABOADA	
SIGNATURE:	/Keith Taboada/	
DATE SIGNED:	07/06/2021	
Total Attachments: 2		
source=SNOP_3617US02_Assignment#page1.tif		
source=SNOP_3617US02_Assignment#page2.tif		

Atty Dkt No.: SNOP/3617US02

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Zhengtao YU 1101 Slater Road Durham, North Carolina 27703		
----	---	--	--

(hereinafter referred to as Assignors), have invented a certain invention entitled:

INCREMENTAL ROUTING BASED PIN ASSIGNMENT

enclosed herewith; and

WHEREAS, Synopsys, Inc., a corporation of the State of Delaware, having a place of business at 690 East Middlefield Road, Mountain View, California 94043 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries 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 any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving 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, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not

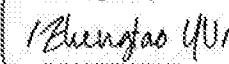
PATENT
REEL: 056765 FRAME: 0002

Atty Dkt No.: SNOP/3617US02

enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) 7/2/2021 (DATE)

DocuSigned by:

B20C953E-5858458

Zhengtao YU