Docket No.: 34175.00082(A1998-001)

OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar		1998	T U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
P08A/REV02  Tab settings → → ▼			▼	▼	▼
To the Honorable Commissioner of Pate.	100753	660	ttached original	documents or co	ppy thereof.
Name of conveying party(ies):     Arnob Roy     Sanjay Malpani     Alok Kuchlous		2. Name and ad	dress of receiving psys, Inc.  Description of the latest psys and the latest psys and the latest psys are latest psys and the latest psys are		
Additional names(s) of conveying party(ies)	☐ Yes 🖾 No				
3. Nature of conveyance:				10	$+ \parallel / \parallel \parallel$
X Assignment ☐ Merger		•	3 5 6	6.15.98	
☐ Security Agreement ☐ C	☐ Security Agreement ☐ Change of Name		in View	State/Prov.:	CA
Other		Country: US		ZIP: 94043-4033	
Execution Date: May 31, 1998		Additional name(s) & address(es)		☐ Yes ☒ No	
Patent Application No. Filing dated at the part of the	i	B. Pate	nt No.(s) No		
Name and address of party to whom correspondence concerning document should be mailed:     Name: Laura A. Majerus     Registration No. 33,417  Address: 600 Hansen Way		6. Total number of applications and patents involved:			
		7. Total fee (37 CFR 3.41):\$ 40.00 €  ■ Enclosed - Any excess or insufficiency should be credited or debited to deposit account			
	/Prov.: <u>CA</u> 94304-1043	8. Deposit acco	unt number:		8. 9
	DO NOT U	JSE THIS SPACE	· · · · · · · · · · · · · · · · · · ·	<b>8</b>	
9. Statement and signature.  To the best of my knowledge and belief, of the original document.  Jonathan T. Kaplan, Reg. No. 38,935	the foregoing informa Jonatha	ation is true and c	orrect and any at	June /	true copy
Name of Person Signing Total nu	ımber of pages including o	Signature over sheet, attachme	ents, and TENT	Date	TC1561

## ASSIGNMENT

Attorney Docket No. 34175.00082(A1998-001) (1) Arnob Roy (1-8) Insert Name(s) of Inventor(s) (2) Sanjay Malpani (6) (3) Alok Kuchlous For good and valuable consideration receipt of which is hereby acknowledged, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to: (9) Insert name of Assignee (9) Synopsys, Inc. (10) Insert state of incorporation (10) Delaware of Assignee (11) Insert address of Assignee (11) of 700 East Middlefield Road, Mountain View, CA 94043-4033 (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as (12) METHOD AND APPARATUS FOR ADAPTIVELY OR SELECTIVELY Insert Identification of Invention, such as Title, CHOOSING EVENT-TRIGGERED CYCLE-BASED SIMULATION OR Case Number or Foreign OBLIVIOUS-TRIGGERED CYCLE-BASED SIMULATION ON A CLUSTER-BY-Application Number CLUSTER BASIS (Case No. 34175.00082) (Serial No. 09/057,021) for which the undersigned has (have) executed an application for patent in United States of America (13) Insert Date of Signing of (13) on <u>May 31</u> Application 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient. 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference. 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements. 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee. 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, its successors and assigns, as Assignee of the entire right, title and interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith. 6) The undersigned hereby grant(s) David L. Fehrman, Reg. No. 28,600; David L. Henty, Reg. No. 31,323; William J. Robinson, Reg. No. 29,430; Stuart L. Merkadeau, Reg. No. 33,262;David B. Abel Reg. No. 32,394;Hisako Muramatsu, Reg. No. 34,955;Brian M. Berliner, Reg. No. 34,549; David J. Meyer, Reg. No. 33,425; Vincent J. Belusko, Reg. No. 30,820; Minda Schechter, Reg. No. 38,296; William G. Anderson, Reg. No. 27,851;Victor De Gyarfas, Reg. No. 40,583;Dennis R. Gallagher, Reg. No. 42,563;Jonathan L. Pettit, Reg. No. 40,770; Wayne Smith, Reg. No. 42,160; Lawrence W. Granatelli, Reg. No. 32,228; Laura A. Majerus, Reg. No. 33,417; Joseph K. Hollinger Reg. No. 40,649; Jonathan T. Kaplan Reg. No. 38,935; Marc A. Sockol Reg. No. 40,823; lan Cartier, Reg. No. 38,406;Linda Beach Reg. No. 36,446;Bryn E. Ekroot, Reg. No. 38,129. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document. (2) Date May 31, 78 \_\_\_\_\_ Name of Inventor(s) Name of Inventor(s)

Name of Inventor(s) \_
Name of Inventor(s)

131/139956.01.00 043098/1208/34175.00082 RECORDED: 06/15/1998