01-06-2000

BATEN	78 U.S. DEPARTMENT OF COMBREGET PROBLEM AND TRANSPORTED TO THE PROBLEM AND THE
MRD 12-16 • 9 4 FAI ENTIS ONL 1 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or the patents of th	
1. Name of conveying party(les): Brian Lockyeer Additional name(s) of conveying party(les) attached? Yes N	2. Name and address of receiving party(les) Name: Synopsys. Inc. Internal Address:
3. Nature of conveyance: ☑ Assignment	Street Address:
☐ Security Agreement ☐ Change of Name ☐ Other Execution Date:	City: Mountain View State: CA ZIP: 94043 Additional name(s) & address(ss) attached? Yes El No
4. Application number(s) or patent number(s)	cation, the execution date of the application is: 9/27/99 B. Patent No.(s)
09/406,881 Additional numbers a	ttached? [] Yes [3] No
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: 1
BROWN RAYSMAN MILLSTEIN FELDER & STEINER LLP 120 West 45th Street	7. Total fee (37 CFR 3.41):\$ 40.00 ⊠ Check enclosed □ Authorized to be charged to deposit account
New York, New York 10036 (212) 944-1515	Deposit account number: 02-4270 (Attach duplicate copy of this page by deposit account)
	Please charge any additional fees required, or credit any overpayment, to the above deposit account
DO NOT US	E THIS SPACE
Jonathan T. Kapian Name of Person Signing Total number of pages including cover	information is true and correct and any attached copy I
Commissioner of Patents and Trademarks Box Assignments Water State Sta	

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PATENT REEL: 010466 FRAME: 0202

ASSIGNMENT

WHEREAS, I Brian Lockyear, a citizen of the United States of America, residing at 18090 NW Cornell Road; Apt. H; Beaverton, Oregon 97006, have invented one or more inventions (hereinafter referred to as "said invention(s)") disclosed in an application for Letters Patent of the United States titled METHOD AND APPARATUS FOR STRUCTURAL INPUT/OUTPUT MATCHING FOR DESIGN VERIFICATION (hereinafter referred to as "said application"), said application having been filed on September 27, 1999 and assigned application Serial No. 09/406.861.

WHEREAS, Synopsis, Inc. (hereinafter together with its successors and assigns referred to as "the Assignee"), a Delaware corporation, having a place of business at 700 East Middlefield Road, Mountain View, California 94043 is desirous of obtaining all right, title and interest in, to and under said invention(s) and said application; and

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which I hereby acknowledge, I have sold, assigned, transferred and set over, and by these presents hereby sell, assign, transfer and set over to the Assignee all right, title and interest in, to and under said invention(s) and said application, including the right to apply for any Letters Patent of the United States of America and in any and all foreign countries on said invention(s), and any and all other applications for Letters Patent on said invention(s), in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-inpart and convention applications based in whole or in part upon said invention(s) or upon said application, and any and all Letters Patent which may issue thereon in the United States and foreign countries, and any and all reissues, extensions, renewals, divisions, continuations or continuations-in-part of Letters Patent granted for said invention(s) or upon said applications, to the full term or terms for which said Letters Patent may be issued, and every priority right that is or may be predicated upon or arise from said invention(s), said application and said Letters Patent, the same to be held and enjoyed by the Assignee for its own use and benefit fully and entirely as if the same would have been held and enjoyed by me had this Assignment not been made. I hereby authorize the Assignce to file patent applications in any and all countries on any or all of said invention(s) in my name, or in its name, or otherwise as the Assignee may deem advisable, under the International Convention or otherwise.

I hereby authorize the Commissioner of Patents and Trademarks of the United States, and any official of any other country empowered to issue patents, to record this Assignment, and to issue or transfer all said Letters Patent on said invention(s) to the Assignee as owner of all right, title and interest therein, or otherwise as the Assignee may direct, in accordance with the terms of this Assignment.

I hereby represent and warrant that I have the full right to convey the entire right and interest herein assigned, that there are no rights or interests outstanding inconsistent with the rights and interests granted herein, and that I will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interests granted herein.

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PATENT
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"

I hereby covenant and agree that I will, upon request of the Assignee, communicate to the Assignee any facts known to me relating to said invention(s) and the history thereof, testify in any legal proceeding, execute all lawful papers including without limitation all divisional, continuing and reissue applications and all rightful oaths and declarations, and generally do all further acts which may be deemed necessary by the Assignee to obtain and enforce proper patent protection for said invention(s) in all countries.

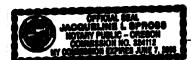
IN TESTIMONY WHEREOF, I have executed this document on the date indicated below.

Date: 17 77

Brian Lockyear

STATE OF OYLGON) ss.:

On this 17 day of NOV., 1999 before me came [NAME], to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he/she has acknowledged to me that he/she has executed the same.



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