

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ELLIPTIC TECHNOLOGIES, INC.	10/05/2015
RECEIVING PARTY DATA		
Name:	SYNOPSYS INC.	
Street Address:	690 EAST MIDDLEFIELD ROAD	
City:	MOUNTAIN VIEW	
State/Country:	CALIFORNIA	
Postal Code:	94043	
PROPERTY NUMBERS Total: 6		
Property Type	Number	
Application Number:	61823721	
Application Number:	14259661	
Application Number:	61826883	
Application Number:	14275924	
PCT Number:	IB1461439	
PCT Number:	IB1461341	
CORRESPONDENCE DATA		
Fax Number:		
<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:	6199802612	
Email:	bruce@gp-iplaw.com	
Correspondent Name:	GREENHAUS & PENDERGRASS, LLP	
Address Line 1:	1010 SECOND AVENUE, SUITE 2400	
Address Line 4:	SAN DIEGO, CALIFORNIA 92101	
NAME OF SUBMITTER:	BRUCE W. GREENHAUS	
SIGNATURE:	/Bruce W. Greenhaus, 37,339/	
DATE SIGNED:	10/08/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 2		

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ASSIGNMENT

WHEREAS, Elliptic Technologies Inc., a corporation organized and existing under the laws of the Country of Canada, having its principal place of business at 400 March Road Kanata, ON, K2K 2E4 Canada (hereinafter referred to as "ASSIGNOR"), has the entire right, title and interest in and to the inventions, and in and to the applications listed in Appendix A attached hereto and any Letters Patent that may issue thereon; and

WHEREAS, Synopsys Inc., a corporation organized and existing under the laws of the State of Delaware, having its principal place of business at 690 East Middlefield Road, Mountain View, California, 94043 (hereinafter referred to as "ASSIGNEE"), wishes to acquire the entire right, title and interest in and to the inventions, and in and to the applications listed in Appendix A attached hereto and any Letters Patent that may issue thereon (hereafter "said Inventions").

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives our entire right, title and interest in and to said Inventions and in and to said applications and all patents which may be granted therefore, and all provisionals, divisionals, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and ASSIGNOR hereby authorize and requests the United States Commissioner of Patents and Trademarks to issue all patents for said Inventions, or patents resulting therefrom, insofar as ASSIGNOR's interests are concerned, to the said ASSIGNEE of ASSIGNOR's entire right, title and interest.


ASSIGNOR also hereby sells and assigns to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to said Inventions disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said Inventions in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said Inventions and all rights to register said Inventions in appropriate registries; and

ASSIGNOR further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR hereby further agrees that ASSIGNOR will communicate to said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to ASSIGNOR respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all provisional, divisional, continuation, continuation-in-part, reissue, and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns, and legal representatives to obtain and enforce proper protection for said Inventions in all countries.

On behalf of Elliptic Technologies, Inc.

Executed this 5th day of October, 2015.



Name: Erika Varga McEnroe

Title: Director

APPENDIX A

Application No.	Title	Country	Filing Date	Publication No.
61/823,721	Automatic Control System and Method for a True Random Number Generator	US	5/15/2013	N/A
14/259,661	Automatic Control System and Method for a True Random Number Generator	US	4/23/2014	20140344321
PCT/IB14/61341	Automatic Control System and Method for a True Random Number Generator	PCT	5/9/2014	WO2014/184721
61/826,883	System And Method For Dynamic Tuning Feedback Control For Random Number Generator	US	5/23/2013	N/A
14/275,924	System And Method For Dynamic Tuning Feedback Control For Random Number Generator	US	5/13/2014	20140351305
PCT/IB14/61439	System And Method For Dynamic Tuning Feedback Control For Random Number Generator	PCT	5/14/2014	WO2014/188307