

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT2736734

SUBMISSION TYPE:	NEW ASSIGNMENT																								
NATURE OF CONVEYANCE:	ASSIGNMENT																								
CONVEYING PARTY DATA																									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>BALKRISHNA R. RASHINGKAR</td><td>03/22/2013</td></tr><tr><td>KARLO V. TSKITISHVILI</td><td>02/02/2013</td></tr><tr><td>DAVID L. PEART</td><td>02/12/2013</td></tr><tr><td>LUIS D. GUILIN</td><td>02/11/2013</td></tr><tr><td>JEFFREY J. LOESCHER</td><td>02/07/2013</td></tr><tr><td>GLENN B. GRAHAM</td><td>02/12/2013</td></tr><tr><td>AJAY GULERIA</td><td>02/11/2013</td></tr><tr><td>RUSSELL B. SEGAL</td><td>03/25/2013</td></tr><tr><td>DOUGLAS CHANG</td><td>02/08/2013</td></tr><tr><td>KSENIA ROZE</td><td>02/12/2013</td></tr><tr><td>ZHENGTAO YU</td><td>02/11/2013</td></tr></tbody></table>		Name	Execution Date	BALKRISHNA R. RASHINGKAR	03/22/2013	KARLO V. TSKITISHVILI	02/02/2013	DAVID L. PEART	02/12/2013	LUIS D. GUILIN	02/11/2013	JEFFREY J. LOESCHER	02/07/2013	GLENN B. GRAHAM	02/12/2013	AJAY GULERIA	02/11/2013	RUSSELL B. SEGAL	03/25/2013	DOUGLAS CHANG	02/08/2013	KSENIA ROZE	02/12/2013	ZHENGTAO YU	02/11/2013
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<table border="1"><tr><td>Name:</td><td>SYNOPSYS, INC.</td></tr><tr><td>Street Address:</td><td>700 E. MIDDLEFIELD ROAD</td></tr><tr><td>City:</td><td>MOUNTAIN VIEW</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94043-4033</td></tr></table>		Name:	SYNOPSYS, INC.	Street Address:	700 E. MIDDLEFIELD ROAD	City:	MOUNTAIN VIEW	State/Country:	CALIFORNIA	Postal Code:	94043-4033														
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CORRESPONDENCE DATA																									
Fax Number:	(530)759-1665																								
Phone:	530-759-1661																								
Email:	joanne@parklegal.com																								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																									
Correspondent Name:	A. RICHARD PARK																								

Address Line 1: PARK, VAUGHAN, FLEMING & DOWLER LLP
Address Line 2: 2820 FIFTH STREET
Address Line 4: DAVIS, CALIFORNIA 95618

ATTORNEY DOCKET NUMBER: SNPS-2133US01

NAME OF SUBMITTER: A. RICHARD PARK, REG. NO. 41,241

Signature: /A. Richard Park/

Date: 02/21/2014

Total Attachments: 33

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CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Balkrishna R. Rashingkar	4036 Bouquet Park Lane, San Jose, CA 95135
Karlo V. Tskitishvili	3442 Santa Barbara Avenue, Santa Clara, CA 95051
David L. Peart	2512 Merion Cove, Round Rock, TX 78664
Luis D. Guilin	2108 Santa Croze Drive, Livermore, CA 94550
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Douglas Chang	1075 Alderbrook Lane, San Jose, CA 95129
Ksenia Roze	5309 Antebellum Road, Raleigh, NC 27606
Zhengtao Yu	3108 Sentinel Ferry Lane, Cary, NC 27519

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

GRAPHICAL USER INTERFACE FOR A FLOORLANNING TOOL FOR ELECTRONIC DESIGN AUTOMATION

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

___ On the ___ day of _____, 20___;

Or

X Said application having Application Number 13/728,873 and filed on 27 December 2012; and

WHEREAS, SYNOPSYS, INC., a corporation of the State of Delaware, having a place of business at 700 E. Middlefield Road, Mountain View, CA 94043-4033, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

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

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention 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 the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of 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, divisional, continuing or

additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below.

B. R. R.

03/22/2013

Balkrishna R. Rashingkar	Date
Karlo V. Tskitishvili	Date
David L. Peart	Date
Luis D. Guilin	Date
Jeffrey J. Loescher	Date
Glenn B. Graham	Date
Ajay Guleria	Date
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Karlo V. Tskitishvili



Date

Feb 2 / 2013

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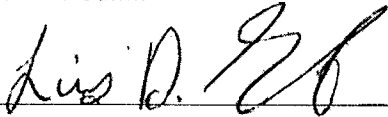
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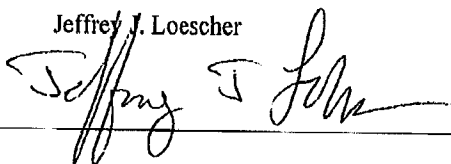
Date

Luis D. Guilfin

Date

Jeffrey J. Loescher

Date



2/7/2013

Glenn B. Graham

Date

Ajay Guleria

Date

Russell Segal

Date

Douglas Chang

Date

Ksenia Roze

Date

Zhengtao Yu

Date

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Balkrishna R. Rashingkar	4036 Bouquet Park Lane, San Jose, CA 95135
Karlo V. Tskitishvili	3442 Santa Barbara Avenue, Santa Clara, CA 95051
David L. Peart	2512 Merion Cove, Round Rock, TX 78664
Luis D. Guilin	2108 Santa Croze Drive, Livermore, CA 94550
Jeffrey J. Loescher	3231 NW 126th Place, Portland, OR 97229
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Douglas Chang	1075 Alderbrook Lane, San Jose, CA 95129
Ksenia Roze	5309 Antebellum Road, Raleigh, NC 27606
Zhengtao Yu	3108 Sentinel Ferry Lane, Cary, NC 27519

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

GRAPHICAL USER INTERFACE FOR A FLOORLANNING TOOL FOR ELECTRONIC DESIGN AUTOMATION

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

___ On the ___ day of _____, 20___;

Or

X Said application having Application Number 13/728,873 and filed on 27 December 2012; and

WHEREAS, SYNOPSYS, INC., a corporation of the State of Delaware, having a place of business at 700 E. Middlefield Road, Mountain View, CA 94043-4033, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

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

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention 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 the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

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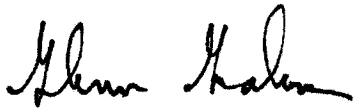
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Date

2/12/13

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Attorney Docket No. SNPS-2133US01

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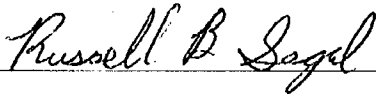
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Date

Ajay Guleria

Date



3/25/13

Russell Segal

Date

Douglas Chang

Date

Ksenia Roze

Date

Zhengtao Yu

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Feb 12, 2013
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Zhengtao Yu

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*Zhengtao Yu**2/11/2013*

Zhengtao Yu

Date