

PATENT ASSIGNMENT

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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>Brian D Stone</td> <td>03/05/2013</td> </tr> <tr> <td>Joseph D. Wilson</td> <td>03/04/2013</td> </tr> <tr> <td>John Rice Rogers</td> <td>03/06/2013</td> </tr> <tr> <td>Jeffrey Mathew Hoffman</td> <td>03/01/2013</td> </tr> <tr> <td>James Patrick McGuire Jr.</td> <td>03/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Brian D Stone	03/05/2013	Joseph D. Wilson	03/04/2013	John Rice Rogers	03/06/2013	Jeffrey Mathew Hoffman	03/01/2013	James Patrick McGuire Jr.	03/11/2013
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Synopsys, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>700 East 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</td> </tr> </table>		Name:	Synopsys, Inc.	Street Address:	700 East Middlefield Road	City:	Mountain View	State/Country:	CALIFORNIA	Postal Code:	94043		
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: 6509385200 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 650-988-8500 Email: lgriffith@fenwick.com Correspondent Name: Charles D. Cathey Address Line 1: Fenwick & West LLP Address Line 2: 801 California Street Address Line 4: Mountain View, CALIFORNIA 94041</p>													
ATTORNEY DOCKET NUMBER:	22524-21990												
NAME OF SUBMITTER:	Charles Cathey												

CH \$40.00 13804146

Total Attachments: 6

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Synopsys, Inc.**, a Delaware Corporation, having a place of business at 700 East Middlefield Road, Mountain View, CA 94043 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

- Application No. 13/804,146, entitled "**Specification-Guided User Interface for Optical Design Systems**," filed on March 14, 2013.

2. The entire worldwide right, title, and interest in and to:
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

Title: Specification-Guided User Interface for Optical Design
Systems
Filed: March 14, 2013
Application No.: 13/804,146

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

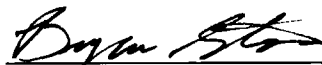
This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

By signing below, INVENTOR further attests to the following:

- The APPLICATION was made or authorized to be made by INVENTOR.
- INVENTOR believes that INVENTOR is the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

INVENTOR hereby acknowledges that any willful false statement made in this document is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Name and Signature



Bryan Stone

Date of Signature

Mar 5, 2013

Name and Signature

Joseph Wilson

Date of Signature

Name and Signature

John Rogers

Date of Signature

Title: Specification-Guided User Interface for Optical Design Systems

Filed:

Application No.:

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Name and Signature

Date of Signature

Bryan Stone

Name and Signature

Date of Signature

Joseph Wilson

3/4/13

Joseph Wilson

Name and Signature

Date of Signature

John Rogers

Title: Specification-Guided User Interface for Optical Design Systems

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Name and Signature

Date of Signature

Bryan Stone

Name and Signature

Date of Signature

Joseph Wilson

Name and Signature

Date of Signature


John Rogers

March 6, 2013

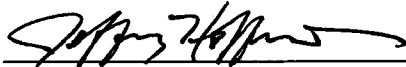
Title:

Specification-Guided User Interface for Optical Design
Systems

Filed:

Application No.:

Name and Signature



Jeffrey Hoffman

Date of Signature

3/1/2013

Name and Signature



James McGuire

Date of Signature



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Specification-Guided User Interface for Optical Design
Systems

Filed:

Application No.:

Name and Signature

Date of Signature

Jeffrey Hoffman

Name and Signature

Date of Signature

James McGuire

Patrick

3/11/13