

PATENT ASSIGNMENT COVER SHEET

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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>MAYUKH BHATTACHARYA</td> <td>10/21/2013</td> </tr> <tr> <td>CHIH-PING ANTONY FAN</td> <td>10/21/2013</td> </tr> <tr> <td>HUIPING HUANG</td> <td>10/21/2013</td> </tr> <tr> <td>VINAY NULKAR</td> <td>10/21/2013</td> </tr> <tr> <td>AMELIA HUIMIN SHEN</td> <td>10/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	MAYUKH BHATTACHARYA	10/21/2013	CHIH-PING ANTONY FAN	10/21/2013	HUIPING HUANG	10/21/2013	VINAY NULKAR	10/21/2013	AMELIA HUIMIN SHEN	10/21/2013
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AMELIA HUIMIN SHEN	10/21/2013												
RECEIVING PARTY DATA													
Name:	SYNOPSYS, INC.												
Street Address:	700 East Middlefield Road												
City:	Mountain View												
State/Country:	CALIFORNIA												
Postal Code:	94043												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14069326</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14069326								
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Application Number:	14069326												
CORRESPONDENCE DATA													
Fax Number:	(617)979-8733												
Phone:	802-482-5682												
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	ADAMS INTELLEX, PLC												
Address Line 1:	PO BOX 197												
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ATTORNEY DOCKET NUMBER:	SNP-026												
NAME OF SUBMITTER:	MICHAEL BATTIG/R DEAN ADAMS												

Signature:	/Michael Battig/
Date:	11/01/2013
Total Attachments: 2 source=SNP-026_131101_AsgExu#page1.tif source=SNP-026_131101_AsgExu#page2.tif	

ASSIGNMENT

WHEREAS, each of the undersigned inventor(s) ("Inventor(s)") has developed certain inventions ("Inventions") described in a U.S. patent application No. 14/069,326 filed 31-OCT-2013, and entitled:

VISUAL REPRESENTATION OF CIRCUIT RELATED DATA

and has full right to convey his or her entire interest, both legal and equitable, in and to said Inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, Synopsys, Inc. ("ASSIGNEE"), an entity organized and existing under the laws of the state of California, and having a place of business at 700 East Middlefield Road, Mountain View, California 94043, is desirous of acquiring the entire right, title, and interest in and to the Inventions and any and all patents to be obtained therefore;

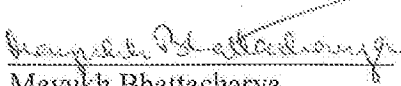

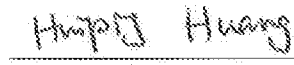
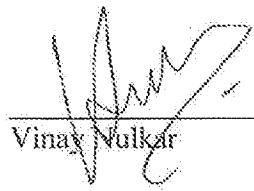
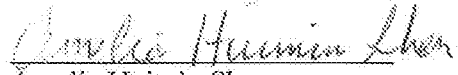
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each Inventor, each Inventor hereby sells, assigns and transfers unto the ASSIGNEE, its successors and assigns, his or her entire right, title and interest in and to the Inventions as described in the above application and all applications resulting therefrom, including any and all conversions, divisions, continuations, continuations-in-part, substitute applications, and reissues or extensions thereof; and all resulting patents in any jurisdiction worldwide; along with all rights to sue for past infringement.

AND each Inventor hereby authorizes and requests the issuing authority to issue any and all patents issuing from any of the forgoing to the ASSIGNEE or its successors and assigns.

AND each Inventor agrees that ASSIGNEE's representative, Adams Intellex, PLC having Patent Office Customer Number 85181, shall hereinafter act on behalf of the ASSIGNEE with respect to the Inventions.

AND, each Inventor further agrees, without any further payment or compensation by the ASSIGNEE or its successors and assigns, to communicate to the ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to the Inventions including evidence for interference purposes or for other legal proceedings whenever requested; to testify in any interference or other legal proceedings, whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to generally do everything possible to aid the ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for the Inventions in this or any foreign country.

The Inventor(s) hereby authorize(s) the agents and attorneys associated with Patent Office Customer Number 85181 to insert hereon any further information necessary or desirable for recordation of this document.

<u>Inventor(s)</u>	<u>Date Signed</u>
 Mayukh Bhattacharya	<u>10/21/2013</u>
 Chih-Ping Antony Fan	<u>10/21/2013</u>
 Huiping Huang	<u>10/21/2013</u>
 Vinay Nulkar	<u>10/21/2013</u>
 Amelia Huimin Shen	<u>10/21/2013</u>