

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>Hongbo Zhang</td> <td>03/14/2013</td> </tr> <tr> <td>Nikolay Voznesenskiy</td> <td>03/14/2013</td> </tr> <tr> <td>Qiliang Yan</td> <td>03/14/2013</td> </tr> <tr> <td>Ebo Kwabena Gyan Croffie</td> <td>03/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Hongbo Zhang	03/14/2013	Nikolay Voznesenskiy	03/14/2013	Qiliang Yan	03/14/2013	Ebo Kwabena Gyan Croffie	03/14/2013
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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 Rd., Bldg. C</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 Rd., Bldg. C	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: 4084515908 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-451-5900 Email: bbaumann@beverlaw.com Correspondent Name: BEVER, HOFFMAN & HARMS, LLP Address Line 1: 901 CAMPISI WAY Address Line 2: SUITE 370 Address Line 4: CAMPBELL, CALIFORNIA 95008</p>											
ATTORNEY DOCKET NUMBER:	SYN-2119										
NAME OF SUBMITTER:	Jeanette S. Harms										
<p>Total Attachments: 2 source=SYN-2119-ExecutedAssignment#page1.tif source=SYN-2119-ExecutedAssignment#page2.tif</p>											

OP \$40.00 13838845

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

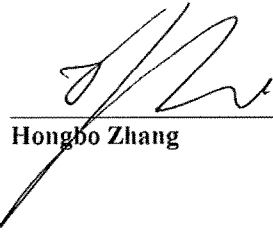
Hongbo Zhang of 2430 NW Schmidt Way Apt. 276 Beaverton, OR 97006
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Qiliang Yan of 14561 NW Lindy Ln. Portland, OR 97229
Ebo Kwabena Gyan Croffie of 18283 NW Chemeketa Ln. Apt. A Portland, OR 97229

hereby sell, assign and transfer to **Synopsys, Inc.**, a Delaware corporation, having a place of business at 700 East Middlefield Rd., Bldg. C. Mountain View, CA 94043, its successors and assigns, the entire right, title and interest throughout the world in our invention in


**"COMPACT AND ACCURATE WAFER TOPOGRAPHY PROXIMITY EFFECT MODELING FOR
FULL CHIP SIMULATION"**

for which we will execute a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 14th day of March, 2013.


Hongbo Zhang


Executed this _____ day of _____, 2013.


Nikolay Voznesenskiy

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