

## 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>James SHIELY</td><td>04/22/2011</td></tr><tr><td>Hua SONG</td><td>03/30/2011</td></tr></tbody></table>	Name	Execution Date	James SHIELY	04/22/2011	Hua SONG	03/30/2011	
Name	Execution Date						
James SHIELY	04/22/2011						
Hua SONG	03/30/2011						
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>13098495</td></tr></tbody></table>	Property Type	Number	Application Number:	13098495			
Property Type	Number						
Application Number:	13098495						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Kanika Radhakrishnan						
Total Attachments: 3 source=SYNP005US_Assignment#page1.tif source=SYNP005US_Assignment#page2.tif source=SYNP005US_Assignment#page3.tif							

OP \$40.00 13098495

## ASSIGNMENT

WHEREAS, James SHIELY and Hua SONG hereinafter referred to as "Assignors", are the inventors of the invention described and set forth in the below-identified Non-Provisional Application for Patent:

Title of Invention: **EUV LITHOGRAPHY FLARE CALCULATION AND  
COMPENSATION**

Filing Date: Herewith

Application No.: Not Yet Assigned; and

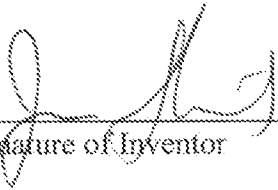
WHEREAS, SYNOPSYS INC., having a business address of 700 East Middlefield Road Mountain View, California 94043, United States of America hereinafter referred to as "ASSIGNEE", is desirous of acquiring an interest in the invention and non-provisional application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that he will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Evergreen Valley Law Group, P.C., 4 North Second Street, Suite 598, San Jose, California 95113, to insert herein above the application number and filing date of said application when known.

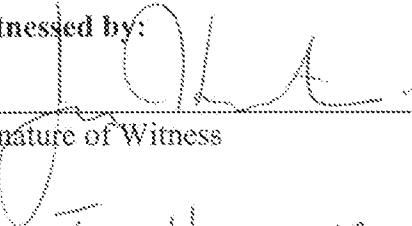
IN TESTIMONY WHEREOF, I James SHIELY have executed this document on the date indicated below.

  
\_\_\_\_\_  
Signature of Inventor

4-22-2011  
\_\_\_\_\_  
Date

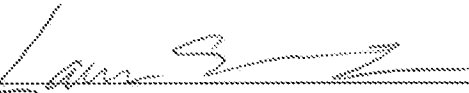
Aloha, Oregon  
\_\_\_\_\_  
Inventor's City, State of residence

Witnessed by:

(1)   
\_\_\_\_\_  
Signature of Witness  
JAY HISEROTE  
\_\_\_\_\_  
Print Witness Name

4/22/11  
\_\_\_\_\_  
Date

HILLSBORO OREGON  
\_\_\_\_\_  
Witness' City, State of residence

(2)   
\_\_\_\_\_  
Signature of Witness

4/22/11  
\_\_\_\_\_  
Date

L. Melvin  
\_\_\_\_\_  
Print Witness Name

Hillsboro, OR  
\_\_\_\_\_  
Witness' City, State of residence

IN TESTIMONY WHEREOF, I Hua SONG have executed this document on the date indicated below.

Hua Song  
Signature of Inventor

3/30/2011  
Date

San Jose, California  
Inventor's City, State of residence

**Witnessed by:**

(1) Lantian Wang  
Signature of Witness

3/30/2011  
Date

LANTIAN WANG  
Print Witness Name

San Carlos, California  
Witness' City, State of residence

(2) Lei Sun  
Signature of Witness

3/30/2011  
Date

Lei Sun  
Print Witness Name

Fremont, CA  
Witness' City, State of residence