

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jing Xue	01/14/2010
JenSheng Huang	01/14/2010
RECEIVING PARTY DATA	
Name:	SYNOPSYS, INC.
Street Address:	700 E. Middlefield Road
City:	Mountain View
State/Country:	CALIFORNIA
Postal Code:	94043
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12688278
CORRESPONDENCE DATA	
Fax Number:	(530)759-1665
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	530-759-1663
Email:	edward@parklegal.com
Correspondent Name:	Edward J. Grundler
Address Line 1:	Park, Vaughan & Fleming, LLP
Address Line 2:	2820 Fifth Street
Address Line 4:	Davis, CALIFORNIA 95618
ATTORNEY DOCKET NUMBER:	SNPS-1205
NAME OF SUBMITTER:	Edward J. Grundler, Reg. No. 47,615
<p>Total Attachments: 4</p> <p>source=SNPS-1205_Assignment#page1.tif</p> <p>source=SNPS-1205_Assignment#page2.tif</p>	

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CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Jing Xue
JenSheng Huang

243 Buena Vista Avenue, #1912, Sunnyvale, CA 94086
1481 San Martino Court, San Jose, CA 95126

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

ETCH-AWARE OPC MODEL CALIBRATION BY USING AN ETCH BIAS FILTER

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 12/688,278 and filed on 15 January 2010

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 jointly and severally 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

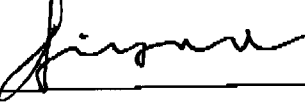
Attorney Docket No. SNPS-1205

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 jointly and severally 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 Inventors have executed and delivered this instrument to said Assignee as of the dates written below.



Jing Xue

01/14/2010

Date

JenSheng Huang

Date

Date

Date

Date

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WHEREAS, the undersigned,

Jing Xue
JenSheng Huang

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Attorney Docket No. SNPS-1205

Inventor(s) in providing such cooperation shall be paid for by said Assignee.

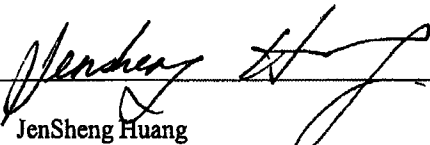
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4. Said Inventor(s) hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

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

Jing Xue

Date


JenSheng Huang

Jan. 14, 2010

Date

Date

Date

Date