502465084 08/20/2013

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Charles C. Chiang	08/03/2013
Jing Guo	08/07/2013
Fan Yang	08/04/2013
Subarnarekha Sinha	08/14/2013
Xuan Zeng	08/04/2013

RECEIVING PARTY DATA

Name:	Synopsys, Inc.
Street Address:	700 East Middlefield Rd., Bldg. C
City:	Mountain View
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13920045

CORRESPONDENCE DATA

Fax Number: 4084515908

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 408-451-5900

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Correspondent Name: BEVER, HOFFMAN & HARMS, LLP

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ATTORNEY DOCKET NUMBER:	SYN-1841-1C
NAME OF SUBMITTER:	Jeanette S. Harms
	PATENT

502465084 REEL: 031047 FRAME: 0208

OP \$40.00 13920045

Signature:	/Jeanette S. Harms Reg. 35,537/
Date:	08/20/2013
Total Attachments: 5 source=SYN-1841-1C-ExecutedInventorAss source=SYN-1841-1C-ExecutedInventorAss source=SYN-1841-1C-ExecutedInventorAss source=SYN-1841-1C-ExecutedInventorAss source=SYN-1841-1C-ExecutedInventorAss	signments#page2.tif signments#page3.tif signments#page4.tif

Docket No. SYN-1841-1C

ASSIGNMENT

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

Charles C. Chiang	of_	19488 Dorchester Dr. Saratoga, CA 95070
Jing Guo	of_	Room 306, Microelectronics Building 825 Zhangheng Road Pudong
		District Shanghai China 201203
Fan Yang	of_	Room 319, Microelectronics Building 825 Zhangheng Road Pudong
		District Shanghai China 201203
Subarnarekha Sinha	of_	4317 Silva Avenue Palo Alto, Ca 94306
Xuan Zeng	of	Room 329, Microelectronics Building 825 Zhangheng Road Pudong
		District Shanghai China 201203

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

"DISTANCE METRIC FOR ACCURATE LITHOGRAPHIC HOTSPOT CLASSIFICATION USING RADIAL AND ANGULAR FUNCTIONS"

for which United States patent application serial no. 13/920,045 was filed on June 17, 2013, 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 3	nd day of August	, 2013.	Charles C. Chiang
Executed this	day of	, 2013.	Jing Guo
Executed this	day of	, 2013.	Fan Yang
Executed this	day of	, 2013.	Subarnarekha Sinha
Executed this	day of	, 2013.	Xuan Zeng

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Executed this	day of		, 2013.		
				Charles C. Chiang	
Executed this 7	h _{day of}	August	2013.	Jing Guo Jing Guo	
Executed this	day of		, 2013.	Fan Yang	
Executed this	day of	·	, 2013.	Subarnarekha Sinha	······································
Executed this	day of		, 2013.	Xuan Zeng	

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Executed this	day of	, 2013.		
-			Charles C. Chiang	*
Executed this	day of	. 2013.		
-	•	-	Jing Guo	trace de de de de la compa
Executed this	t day of Augus	t , 2013.	Fan Yang	
-		-	Fan Yang	
Executed this	day of	, 2013.		
			Subarnarekha Sinha	
Executed this	day of	, 2013.	·	
			Xuan Zeng	

Docket No. SYN-1841-1C

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-	Fan Yang	of _	Room 319, Microelectronics Building 825 Zhangheng Road Pudong		
			District Shanghai China 201203		A
	Subarnarekha Sinha	of	4317 Silva Avenue Palo Alto, Ca. 94306 1447 WESSEX AVENUE,	L05	ALIUS
	Xuan Zeng		Room 329, Microelectronics Building 825 Zhangheng Road Pudong	CA	94024
			District Shanghai China 201203	(5	.5.)

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Executed this	day of	, 2013.	Charles C. Chiang
Executed this	day of	, 2013.	Jing Guo
Executed this	day of	, 2013.	Fan Yang
Executed this 14	day of August	, 2013.	Subarnareble Sinhe Subarnarekha Sinha
Executed this	day of	, 2013.	Yuon Zang

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				Charles C. Chiang
Executed this	day of		, 2013.	Jing Guo
Executed this	day of		, 2013.	Fan Yang
Executed this	day of		, 2013.	Subarnarekha Sinha
Executed this 4	day of	Ång	, 2013.	Xuan Zeng

PATENT REEL: 031047 FRAME: 0214

RECORDED: 08/20/2013