

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kevin Croysdale	09/03/2010
Jason Upton	09/03/2010
RECEIVING PARTY DATA	
Name:	Synopsys, Inc.
Street Address:	700 East Middlefield Road
Internal Address:	Building C
City:	Mountain View
State/Country:	CALIFORNIA
Postal Code:	94043
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12875755
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	SYN-1293
NAME OF SUBMITTER:	Jeanette S. Harms
Total Attachments: 1 source=SYN-1293-PTO-ASGN-signed#page1.tif	

OP \$40.00 12875755

PATENT

501282036

REEL: 024939 FRAME: 0344

ASSIGNMENT

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

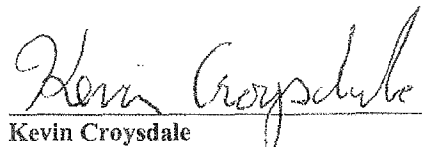
Kevin Croysdale of 12639 NW Ally Elizabeth Ct. Portland, OR 97229
Jason Upton of 16032 SW Willow Dr. Sherwood, OR 97140

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

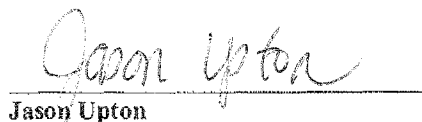
"GENERATING NET ROUTING CONSTRAINTS FOR PLACE AND ROUTE"

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 3rd day of September, 2010.


Kevin Croysdale

Executed this 3rd day of September, 2010.


Jason Upton