Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)	RECORDATION FORM COVER SHEET **PATENTS ONLY**	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

ReShape, Inc.

1255 Terra Bella Avenue

Mountain View, California 94043

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: **Synopsys, Inc.**

Internal Address: _____

_____

Street Address: **700 E. Middlefield Road**

_____

City: **Mt. View**   State **CA**   Zip **94043**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☐ Assignment   ☐ Merger

☐ Security Agreement   ☐ Change of Name

☒ Other   **Grant of Patent Security Interest**

Execution Date: **December 9, 2003**

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/714,722	10/264,680
10/104,813	10/264,679
10/104,960	10/264,691
10/104,786	60,465,115

B. Patent No.(s)

6,553,554	6,564,363
6,557,153	6,564,364
6,574,788	

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Diana Sanchez Bentz

Internal Address: _____

Cooley Godward LLP

5 Palo Alto Square

Street Address: 3000 El Camino Real

City: Palo Alto   State: CA   Zip: 94306

6. Total number of applications and patents involved: ☐13☐

7. Total fee (37 CFR 3.41)   **$520.00**

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

03-3115

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Diana Sanchez Bentz	*[signature]*	December 10, 2003
Name of Person Signing	Signature	Date

Total number of pages including cover sheet, attachments, and documents: **4**

437690/303585-100/Right fax to 703-306-5995/sk

700056108

PATENT
REEL: 014186 FRAME: 0058

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Registrant/Applicant: **ReShape, Inc.**
Patents: **See attached Exhibit A**

GRANT OF PATENT SECURITY INTEREST

WHEREAS, ReShape, Inc., a California corporation, having its principal offices at 1255 Terra Bella Avenue, Mountain View, CA 94043 (*"ReShape"*), has adopted, used or had an intent-to-use the patents listed in the attached Exhibit A, now registered or in the process of registration in the United States Patent and Trademark Office; and

WHEREAS, ReShape entered into that certain Security Agreement dated October 30, 2003 (the *"Security Agreement"*), between ReShape and Synopsys, Inc., a Delaware corporation (*"Secured Party"*);

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ReShape hereby:

1.   grants a security interest to Secured Party in all right, title and interest of ReShape, pursuant to the Security Agreement, in and to the Patents, together with any reissue, continuation, continuation-in-part or extension thereof, without recourse or representation or warranty, express or implied; and

2.   authorizes and requests the Commissioner of Patents and Trademarks of the United States of America to note and record the existence of the Grant hereby given.

ReShape does hereby further acknowledge and affirm that the rights and remedies of Secured Party with respect to the security interest in the Patents granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

(Signature page follows)

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IN WITNESS WHEREOF, ReShape has caused this Grant to be signed by its duly authorized representative as of this 9th day of December 2003.

RESHAPE, INC.

By:_____

James Douglas,
Chief Executive Officer

Exhibit A

U.S. PATENTS

TITLE	PATENT NO.	DATE OF ISSUE
Method and system for implementing a graphical user interface for depicting loose fly line interconnections between multiple blocks of an integrated circuit netlist	6,553,554	April 22, 2003
Method and system for implementing a user interface for performing physical design operations on an integrated circuit netlist	6,557,153	April 29, 2003
Method and system for implementing a graphical user interface for defining and linking multiple attach points for multiple blocks of an integrated circuit netlist	6,564,363	May 13, 2003
Method and system for maintaining element abstracts of an integrated circuit netlist using a master library file and modifiable master library file	6,564,364	May 13, 2003
Method and system for automatically generating low level program commands as dependency graphs from high level physical design stages	6,574,788	June 3, 2003

U.S. PATENT APPLICATIONS

APPLICATION NO.	DATE OF APPLICATION
09/714,722	November 15, 2002
10/104,813	March 22, 2002
10/104,960	March 22, 2002
10/104,786	March 22, 2002
10/264,680	October 3, 2002
10/264,679	October 3, 2002
10/264,691	October 3, 2002
60,465,115	April 23, 2003

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