

12-19-2002

FORM PTO 1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

1. Name(s) of conveying party(ies):  
Silicon Valley Group, Thermal Systems LLC

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

3. Nature of conveyance:

- ☐ Assignment ☒ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 12/29/2000

2. Name and address of receiving party(ies)

Name: Silicon Valley Group, Inc.

Internal Address: \_\_\_\_\_

Street Address: 440 Kings Village RoadCity: Scotts Valley State: CAZIP: 95066Country: USAAdditional name(s) & address(es) attached ☐ Yes ☒ No

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) 09/483,945; 09/767,659;  
60/127,532

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Maria S. SwiatekInternal Address: DORSEY & WHITNEY LLPStreet Address: Four Embarcadero Center, Ste. 3400City: San Francisco State: CA ZIP 94111-4187

6. Total Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41). . . 3 x \$40. . . . . \$120.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit Account number: 50-2319 (Order No. 463035-18)

(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.

Maria S. Swiatek

Name of Person Signing  
Reg. No. 37,244

Signature

December 9, 2002

Date

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks,  
BOX ASSIGNMENTS  
Washington, D.C. 20231

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12/18/2002 GTOM11 00000101 60127532

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PATENT  
REEL: 013576 FRAME: 0797

# Delaware

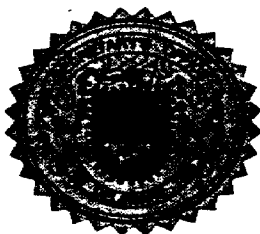
PAGE 1

*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"SILICON VALLEY GROUP, THERMAL SYSTEMS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

WITH AND INTO "SILICON VALLEY GROUP, INC." UNDER THE NAME OF "SILICON VALLEY GROUP, INC.", A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-NINTH DAY OF DECEMBER, A.D. 2000, AT 6 O'CLOCK P.M.



*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

3039540 8100M

020259271

AUTHENTICATION: 1796082

DATE: 05-24-02

PATENT

REEL: 013576 FRAME: 0798

**CERTIFICATE OF MERGER OF**  
**SILICON VALLEY GROUP, THERMAL SYSTEMS LLC**  
**(a Delaware limited liability company)**

**with and into**

**SILICON VALLEY GROUP, INC.**  
**(a Delaware corporation)**

This Certificate of Merger (the "Certificate") is filed in accordance with the provisions of Section 264 of the Delaware General Corporation Law in connection with the merger (the "Merger") of Silicon Valley Group, Thermal Systems LLC, a Delaware limited liability company ("Thermal Systems"), with and into, Silicon Valley Group, Inc., a Delaware corporation ("SVG") pursuant to an Agreement and Plan of Merger, dated as of December 29, 2000, between SVG and Thermal Systems (the "Merger Agreement").

The undersigned, duly authorized representative of SVG and Thermal Systems, does hereby certify as follows:

1. Thermal Systems is a wholly owned subsidiary of SVG.
2. The Merger Agreement has been adopted, approved, certified, executed and acknowledged by the board of directors and members of Thermal Systems and SVG in accordance with the Delaware General Corporation Law and the Delaware Limited Liability Company Act.
3. SVG shall be the surviving entity of the Merger.
4. That the Certificate of Incorporation of SVG shall continue to be the Certificate of Incorporation of SVG.
5. The executed Agreement of Merger will be kept on file at an office of SVG, located at 101 Metro Drive, Suite 400, San Jose, CA 95110.
6. A copy of the Agreement of Merger will be furnished by SVG, on request and without cost, to any stockholder of SVG or any former member of Thermal Systems.
7. The Certificate of Merger will be effective upon filing with the Secretary of State of Delaware.
8. That he is the Senior Vice President, Chief Financial Officer of SVG and a manager of Thermal Systems.

IN WITNESS WHEREOF, the undersigned does hereby certify that this Certificate of Merger represents the act and deed of Thermal Systems and that the facts stated herein are true and correct, and accordingly has hereunto set his hand this 24 day of December, 2000.

SILICON VALLEY GROUP, THERMAL SYSTEMS LLC  
a Delaware limited liability company

By: Russell G. Weinstock  
Russell G. Weinstock  
Manager

SILICON VALLEY GROUP, INC.  
a Delaware Corporation

By: Russell G. Weinstock  
Russell G. Weinstock  
Senior Vice President, Chief Financial Officer