

SIEGEL RICHARD W  
 Form 4  
 February 02, 2005

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549**

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 SIEGEL RICHARD W

2. Issuer Name and Ticker or Trading Symbol  
 NANOPHASE TECHNOLOGIES CORPORATION [NANX]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
 01/31/2005

Director  10% Owner  
 Officer (give title below)  Other (specify below)

1319 MARQUETTE DRIVE

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

ROMEDEVILLE 60446

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
|                                 |                                      |  | Code                           | V   | Amount  | (A) or (D)   | Price   |
| Common Stock                    | 01/31/2005                           |  | M                              |   | 17,370  | A  | \$ 0.432  |
| Common Stock                    |                                      |  |                                |   | 232,372   |  |   |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

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**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | Amount or Number of Shares |                            |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|----------------------------|
|  |  |                                      |  | Code                           | V (A) (D)   | Date Exercisable   | Expiration Date   | Title                      | Amount or Number of Shares |
| Common Stock (right to buy)                | \$ 0.432   | 01/31/2005                           |  | M                              | 17,370  | 02/01/1996 <sup>(1)</sup>                                | 02/01/2005  | Common Stock               | 17,370                     |
| Common Stock (right to buy)                | \$ 1.727   |                                      |  |                                |   | 03/01/1997 <sup>(1)</sup>                                | 03/01/2006  | Common Stock               | 13,890                     |
| Common Stock (right to buy)                | \$ 3.886   |                                      |  |                                |   | 11/07/1997 <sup>(2)</sup>                                | 11/07/2006  | Common Stock               | 23,160                     |
| Common Stock (right to buy)                | \$ 5.25  |                                      |  |                                |   | 06/10/1999 <sup>(3)</sup>                                | 06/10/2008  | Common Stock               | 2,000                      |
| Common Stock (right to buy)                | \$ 3.8125  |                                      |  |                                |   | 07/31/1999 <sup>(1)</sup>                                | 07/31/2008  | Common Stock               | 11,600                     |
| Common Stock (right to buy)                | \$ 9.92  |                                      |  |                                |   | 06/05/2002 <sup>(3)</sup>                                | 06/05/2011  | Common Stock               | 2,000                      |
| Common Stock (right to buy)                | \$ 3.78  |                                      |  |                                |   | 11/25/2003 <sup>(3)</sup>                                | 11/25/2012  | Common Stock               | 2,000                      |
| Common Stock (right to buy)                | \$ 5.07  |                                      |  |                                |   | 06/26/2004 <sup>(3)</sup>                                | 06/26/2013  | Common Stock               | 2,000                      |

## Reporting Owners

| Reporting Owner Name / Address                               | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| SIEGEL RICHARD W<br>1319 MARQUETTE DRIVE<br>ROMEOVILLE 60446 |               | X         |         |       |

## Signatures

By Jess Jankowski, under UPA, for Richard W. Siegel 02/02/2005

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Subject to certain restrictions, beginning on this date, the options vest in five equal annual installments.
- (2) Subject to certain restrictions, 19,177 of these options vest in five equal annual installments beginning on 11/7/97, with the remainder vesting on 11/7/04.
- (3) Subject to certain restrictions, beginning on this date, the options vest in three equal annual installments.

### Remarks:

These stock options are being exercised and held. Had they not been exercised, they would have expired on 2/01/2005.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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