

NANOPHASE TECHNOLOGIES CORPORATION  
 Form 4  
 September 18, 2007

**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)  
 09/18/2007

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, IL 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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D)  | Price   |  |                                   |
|                                 |                                      |  |                                | Code  | V   | Amount   |                                   |
| Common Stock                    |                                      |  |                                |   |   | 232,372  | D                                 |
| Common Stock                    | 09/18/2007                           |  | G <sup>(1)</sup>               | 15,022  | D   | \$ 0 217,350   | D                                 |

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

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SEC 1474 (9-02)

**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) | 8. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Stock Option (right to buy)                | \$ 5.25  |                                      |  |                                |   | 06/10/1999 <sup>(2)</sup> 06/10/2008                     | Common Stock  | 2,000                         |
| Stock Option (right to buy)                | \$ 3.8125  |                                      |  |                                |   | 07/31/1999 <sup>(3)</sup> 07/31/2008                     | Common Stock  | 11,600                        |
| Stock Option (right to buy)                | \$ 9.92  |                                      |  |                                |   | 06/05/2002 <sup>(2)</sup> 06/05/2011                     | Common Stock  | 2,000                         |
| Stock Option (right to buy)                | \$ 3.78  |                                      |  |                                |   | 11/25/2003 <sup>(2)</sup> 11/25/2012                     | Common Stock  | 2,000                         |
| Stock Option (right to buy)                | \$ 5.07  |                                      |  |                                |   | 06/26/2004 <sup>(2)</sup> 06/26/2013                     | Common Stock  | 2,000                         |
| Deferred Common Stock                      | <sup>(4)</sup>   |                                      |  |                                |   | <sup>(5)</sup> <sup>(5)(6)</sup>                         | Common Stock  | 6,752                         |

## Reporting Owners

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

ROMEOVILLE, IL 60446

## Signatures

By Jess Jankowski under UPA for Richard W.  
Siegel

09/18/2007

\_\_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).

This gift is being made under specific written stipulation, executed by the grantee and Dr. Siegel (the grantor) on September 17, 2007,

- (1) that the grantee will not sell, transfer or otherwise dispose of the shares granted by Dr. Siegel for a period of ninety days after the gift transfer.
- (2) Subject to certain restrictions, beginning on this date, options vest in three equal annual installments.
- (3) Subject to certain restrictions, beginning on this date, options vest in five equal installments.
- (4) Each share of deferred common stock represents a right to receive one share of common stock.
- (5) The deferred common stock becomes payable upon the reporting person's termination of service as a director of the Company.

Pursuant to such plan, the reporting person elected to defer receipt of such shares and has received a cumulative total of 6,752 shares of

- (6) deferred common stock to date, which will all be accounted for under the Company's Non-Employee Director Deferred Compensation Plan.

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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