

BROTZMAN RICHARD W
 Form 4
 October 27, 2006

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

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 *
BROTZMAN 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)
1319 MARQUETTE DRIVE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
10/26/2006

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
VP - Research & Development

ROMEDEVILLE, IL 60446

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

(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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | Code | V | Amount or Price | | |
| Common Stock | | | | | 3,000 | D | |
| Common Stock | 10/26/2006 | | M | | \$ 13,420 3.8125 | D | |
| Common Stock | 10/26/2006 | | S | | \$ 6.72 7,500 | D | |
| Common Stock | 10/26/2006 | | S | | \$ 6.7329 5,000 | D | |
| Common Stock | 10/26/2006 | | S | | \$ 6.7347 2,500 | D | |

| | | | | | |
|--------------------------------------|---------|---------------------------|------------|-----------------|-------|
| Common Stock (right to buy) | \$ 5.55 | 10/11/2005 ⁽²⁾ | 10/11/2014 | Common Stock | 11,00 |
| Common Stock (right to buy) | \$ 6.03 | 09/27/2006 ⁽²⁾ | 09/27/2015 | Common Stock | 10,00 |
| Common Stock (right to buy) | \$ 6.01 | 09/27/2007 ⁽²⁾ | 09/27/2016 | Common Stock | 15,00 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|-----------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| BROTZMAN RICHARD W 1319 MARQUETTE DRIVE ROMEDEVILLE, IL 60446 | | | VP - Research & Development | |

Signatures

By Jess Jankowski, under UPA for Richard W.
Brotzman, Jr. 10/27/2006

__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, options vest in five equal installments.
- (2) Subject to certain restrictions, beginning on this date, options vest in three equal annual installments.

Remarks:

The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 plan adopted by Dr. Brotzman on January 3, 2005.
Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.