

NANOPHASE TECHNOLOGIES CORPORATION  
 Form 4  
 September 29, 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

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**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)  
 09/27/2006

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

ROMEDEVILLE, IL 60446  
 (City) (State) (Zip)

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

**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)
Common Stock				(A) or (D)	3,000	D	

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

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

SEC 1474 (9-02)

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

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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	
Common Stock (right to buy)	\$ 3.8125					07/31/1999 <sup>(1)</sup> 07/31/2008	Common Stock	40,600
Common Stock (right to buy)	\$ 7.6875					05/24/2001 <sup>(2)</sup> 05/24/2010	Common Stock	22,500
Common Stock (right to buy)	\$ 10.875					01/26/2002 <sup>(2)</sup> 01/26/2011	Common Stock	20,000
Common Stock (right to buy)	\$ 7.0625					02/28/2002 <sup>(2)</sup> 02/28/2011	Common Stock	20,000
Common Stock (right to buy)	\$ 6.65					01/03/2003 <sup>(2)</sup> 01/03/2012	Common Stock	20,000
Common Stock (right to buy)	\$ 3.66					03/24/2004 <sup>(2)</sup> 03/24/2013	Common Stock	20,000
Common Stock (right to buy)	\$ 5.55					10/11/2005 <sup>(2)</sup> 10/11/2014	Common Stock	11,000
Common Stock (right to buy)	\$ 6.03					09/27/2006 <sup>(2)</sup> 09/27/2015	Common Stock	10,000
Common Stock (right to buy)	\$ 6.01	09/27/2006		A	15,000	09/27/2007 <sup>(2)</sup> 09/27/2016	Common Stock	15,000

