

NANOPHASE TECHNOLOGIES CORPORATION  
 Form 4  
 December 15, 2008

**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 \*  
 WHITMORE BRADFORD T

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)  
 1560 SHERMAN AVE, SUITE 900  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 12/11/2008

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

EVANSTON, IL 60201

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 \_\_\_ Form filed by One Reporting Person  
 \_\_\_X\_\_\_ 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 Indirect Beneficial Ownership (Instr. 4)	
				Code	V	Amount				(A) or (D)
Common Stock	12/11/2008		P			200	\$ 0.81	4,997,937 <sup>(2)</sup>	I	* <sup>(1)</sup>
Common Stock	12/11/2008		P			1,720	\$ 0.82	4,999,657 <sup>(2)</sup>	I	* <sup>(1)</sup>
Common Stock	12/12/2008		P			900	\$ 0.8099	5,000,557 <sup>(2)</sup>	I	* <sup>(1)</sup> <sup>(3)</sup>
Common Stock	12/12/2008		P			300	\$ 0.81	5,000,857 <sup>(2)</sup>	I	* <sup>(1)</sup> <sup>(3)</sup>
Common Stock	12/12/2008		P			3,900	\$ 0.8299	5,004,757 <sup>(2)</sup>	I	* <sup>(1)</sup> <sup>(3)</sup>

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Common Stock	12/12/2008	P	3,620	A	\$ 0.83	5,008,377 <sup>(2)</sup>	I	* <u>(1)</u> <u>(3)</u>
Common Stock	12/12/2008	P	200	A	\$ 0.835	5,008,577 <sup>(2)</sup>	I	* <u>(1)</u> <u>(3)</u>
Common Stock	12/12/2008	P	3,500	A	\$ 0.8399	5,012,077 <sup>(2)</sup>	I	* <u>(1)</u> <u>(3)</u>
Common Stock	12/12/2008	P	100	A	\$ 0.84	5,012,177 <sup>(2)</sup>	I	* <u>(1)</u> <u>(3)</u>
Common Stock	12/12/2008	P	10,542	A	\$ 0.85	5,022,719 <sup>(2)</sup>	I	* <u>(1)</u> <u>(3)</u>
Common Stock	12/12/2008	P	3,300	A	\$ 0.93	5,026,019 <sup>(2)</sup>	I	* <u>(1)</u> <u>(3)</u>
Common Stock	12/12/2008	P	1,000	A	\$ 0.9399	5,027,019 <sup>(2)</sup>	I	* <u>(1)</u> <u>(3)</u>
Common Stock	12/12/2008	P	8,800	A	\$ 0.94	5,035,819 <sup>(2)</sup>	I	* <u>(1)</u> <u>(3)</u>
Common Stock	12/12/2008	P	5,631	A	\$ 0.95	5,041,450 <sup>(2)</sup>	I	* <u>(1)</u> <u>(3)</u>
Common Stock	12/12/2008	P	100	A	\$ 0.96	5,041,550 <sup>(2)</sup>	I	* <u>(1)</u> <u>(3)</u>
Common Stock	12/12/2008	P	2,784	A	\$ 0.97	5,044,334 <sup>(2)</sup>	I	* <u>(1)</u> <u>(3)</u>
Common Stock	12/12/2008	P	5,900	A	\$ 0.98	5,050,234 <sup>(2)</sup>	I	* <u>(1)</u> <u>(3)</u>
Common Stock	12/12/2008	P	6,318	A	\$ 0.99	5,056,552 <sup>(2)</sup>	I	* <u>(1)</u> <u>(3)</u>
Common Stock	12/15/2008	P	100	A	\$ 1.01	5,056,652 <sup>(2)</sup>	I	* <u>(1)</u> <u>(3)</u>
Common Stock	12/15/2008	P	4,717	A	\$ 1.0331	5,061,369 <sup>(2)</sup>	I	* <u>(1)</u> <u>(3)</u>
Common Stock	12/15/2008	P	8,800	A	\$ 1.05	5,070,169 <sup>(2)</sup>	I	* <u>(1)</u> <u>(3)</u>

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

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(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)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WHITMORE BRADFORD T 1560 SHERMAN AVE SUITE 900 EVANSTON, IL 60201		X		
SPURGEON CORP 290 S COUNTY FARM RD THIRD FL WHEATON, IL 60187		X		
GRACE BROTHERS LTD 1560 SHERMAN AVE SUITE 900 EVANSTON, IL 60201		X		

## Signatures

Bradford T. Whitmore	12/15/2008
__Signature of Reporting Person	Date
Jerald A. Trannel, Vice President	12/15/2008
__Signature of Reporting Person	Date
Bradford T. Whitmore, General Partner	12/15/2008
__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) As General Partner of Grace Brothers, Ltd. which owns 4,383,763 shares and as General Partner of Grace Investments, Ltd. which owns 300,000 shares, Bradford T. Whitmore is an indirect beneficial owner.
  - (2) Bradford T. Whitmore directly owns 386,406 shares of common stock.

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- (3) As General Partner of Grace Brothers, Ltd. which owns 4,383,763 shares and as General Partner of Grace Investments, Ltd. which owns 300,000 shaers, Spurgeon Corporation is an indirect beneficial owner.

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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