WHITMORE BRADFORD T

Form 4

December 18, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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Expires:

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response...

if no longer subject to Section 16. Form 4 or Form 5

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obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * WHITMORE BRADFORD T

2. Issuer Name and Ticker or Trading

Symbol

5. Relationship of Reporting Person(s) to Issuer

NANOPHASE TECHNOLOGIES CORPORATION [NANX]

(Check all applicable)

(Last)

(First)

(Middle)

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

Director Officer (give title below)

_X__ 10% Owner _ Other (specify

1560 SHERMAN AVE, SUITE 900 (Street)

12/16/2008

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

EVANSTON, IL 60201

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	Secur	ities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit or Dispos (Instr. 3, 4	ed of (` ′	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)
Common Stock	12/16/2008		P	425	A	\$ 0.97	5,070,594 (2)	I	* (1)
Common Stock	12/16/2008		P	1,600	A	\$ 1	5,072,194 (2)	I	* (1)
Common Stock	12/16/2008		P	4,300	A	\$ 1.01	5,076,494 (2)	I	* (1)
Common Stock	12/16/2008		P	1,900	A	\$ 1.0195	5,078,394 (2)	I	* (1)
Common Stock	12/16/2008		P	600	A	\$ 1.03	5,078,994 (2)	I	* (1)

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Common Stock	12/16/2008	P	1,000	A	\$ 1.04	5,079,994 (2) I	* (1)
Common Stock	12/16/2008	P	7,100	A	\$ 1.05	5,087,094 (2) I	* (1)
Common Stock	12/16/2008	P	100	A	\$ 1.08	5,087,194 (2) I	* (1)
Common Stock	12/16/2008	P	800	A	\$ 1.0975	5,087,994 (2) I	* (1)
Common Stock	12/16/2008	P	100	A	\$ 1.11	5,088,094 (2) I	* (1)
Common Stock	12/16/2008	P	15,050	A	\$ 1.15	5,103,144 (2) I	* (1)
Common Stock	12/16/2008	P	100	A	\$ 1.18	5,103,244 (2) I	* (1)
Common Stock	12/17/2008	P	1,700	A	\$ 1.14	5,104,944 (2) I	* (1)
Common Stock	12/17/2008	P	2,900	A	\$ 1.16	5,107,844 (2) I	* (1)
Common Stock	12/17/2008	P	3,690	A	\$ 1.18	5,111,534 (2) I	* (1)
Common Stock	12/17/2008	P	2,654	A	\$ 1.1979	5,114,188 (2) I	* (1)
Common Stock	12/17/2008	P	400	A	\$ 1.21	5,114,588 (2) I	* (1)
Common Stock	12/17/2008	P	150	A	\$ 1.22	5,114,738 (2) I	* (1)
Common Stock	12/17/2008	P	1,200	A	\$ 1.23	5,115,938 (2) I	* (1)
Common Stock	12/18/2008	P	11,500	A	\$ 1.13	5,127,438 (2) I	* (1)
Common Stock	12/18/2008	P	7,000	A	\$ 1.15	5,134,438 (2) I	* (1)
Common Stock	12/18/2008	P	9,700	A	\$ 1.18	5,144,138 (2) I	* (1)
Common Stock	12/18/2008	P	2,193	A	\$ 1.19	5,146,331 (2) I	* (1)
Common Stock	12/18/2008	P	3,495	A	\$ 1.2	5,149,826 (2) I	* (1)
Common Stock	12/18/2008	P	500	A	\$ 1.23	5,150,326 (2) I	* (1)

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

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SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

 $\label{thm:convertible} \textbf{Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned} \\ \textit{(e.g., puts, calls, warrants, options, convertible securities)}$

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transact	ionNumber	Expiration D	ate	Amou	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Securi	ities	(Instr. 5)
	Derivative				Securities	3		(Instr.	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
						Date	Expiration		or	
							Date	of	Number	
				Code V	(A) (D)				Shares	

Reporting Owners

**Signature of Reporting Person

Bradford T. Whitmore, General

Partner

Reporting Owner Name / Address	Relationships							
· · · · · · · · · · · · · · · · · · ·	Director	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	1	2/18/2008						
**Signature of Reporting Person		Date						
Jerald A. Trannel, Vice President	1	2/18/2008						

Reporting Owners 3

Date

12/18/2008

**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).
 - As General Partner of Grace Brothers, Ltd. which owns 4,463,920 shares (after purchases through December 18, 2008) and as General
- (1) Partner of Grace Investments, Ltd. which owns 300,000 shares, Bradford T. Whitmore is an indirect beneficial owner. As General Partner of Grace Brothers, Ltd. and as General Partner of Grace Investments, Ltd., Spurgeon Corporation is an indirect beneficial owner.
- (2) Bradford T. Whitmore directly owns 386,406 shares of common stock.

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.

Signatures 4