

NANOPHASE TECHNOLOGIES CORPORATION  
 Form 4  
 February 13, 2008

**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 \*  
 WHITMORE R JANET

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)  
 02/13/2008

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

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)
			Code	V	Amount or Price (A) or (D)		
Common Stock					14,475	I	By Daughter
Common Stock	02/13/2008		P		1,000	A	\$ 3.32
Common Stock	02/13/2008		P		1,000	A	\$ 3.33
Common Stock	02/13/2008		P		1,000	A	\$ 3.34

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



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- 1,662 shares of common stock were to be granted under the Company's 2005 Non-Employee Director Restricted Stock Plan. Such shares are vested immediately but subject to certain transfer restrictions. Pursuant to such plan, the reporting person elected to defer receipt of such shares and receive instead 1,662 shares of deferred common stock which, along with the 7,628 similar shares granted previously, will be accounted for under the Company's Non-Employee Director Deferred Compensation Plan.
- (3)
- (4) 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 receive 1,662 shares of deferred common stock, amounting to a cumulative total of 9,290 shares of deferred common stock received (including those received from previous grants) to date, which will all be accounted for under the Company's Non-Employee Director Deferred Compensation Plan.
- (5)

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.