

NANOPHASE TECHNOLOGIES CORPORATION  
 Form 4  
 September 29, 2006

**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 \*  
**HAINES ROBERT 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 - Operations**

**ROMEOVILLE, 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) Price	3,000	D	

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

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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 Security (Instr. 3 and 4)
Stock Option (right to buy)	\$ 10.1875					01/22/2002 <sup>(1)</sup> 01/22/2011	Common Stock 30
Stock Option (right to buy)	\$ 6.65					01/03/2003 <sup>(2)</sup> 01/03/2012	Common Stock 40
Stock Option (right to buy)	\$ 3.66					03/24/2004 <sup>(2)</sup> 03/24/2013	Common Stock 30
Stock Option (right to buy)	\$ 5.55					10/11/2005 <sup>(2)</sup> 10/11/2014	Common Stock 10
Stock Option (right to buy)	\$ 5.84					07/24/2009 <sup>(2)</sup> 07/24/2016	Common Stock 20
Stock Option (right to buy)	\$ 6.03					09/27/2006 <sup>(2)</sup> 09/27/2015	Common Stock 10
Stock Appreciation Right	\$ 6.01	09/27/2006		A	15,000	09/27/2007 <sup>(3)</sup> 09/27/2016	Common Stock 10

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
HAINES ROBERT W 1319 MARQUETTE DRIVE ROMEDEVILLE, IL 60446			VP - Operations	

## Signatures

By Jess Jankowski, under UPA, for Robert W. Haines 09/29/2006

\_\_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.

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(3) Subject to certain restrictions, beginning on this date, these stock appreciation rights vest in three equal annual installments.

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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