

NANOPHASE TECHNOLOGIES Corp  
 Form 4  
 December 12, 2016

**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 \*  
**HENDERSON JAMES A**

2. Issuer Name and Ticker or Trading Symbol  
**NANOPHASE TECHNOLOGIES Corp [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)  
**12/12/2016**

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	(A) or (D)	Price
Common Stock	12/12/2016			P	24,000	A	\$ 0.74
					482,115	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 Securities (Instr. 3 and 4)	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 1.36					01/31/2012 <sup>(1)</sup>	01/31/2021	Common Stock	10,000
Deferred Common Stock	<sup>(2)</sup>					<sup>(3)</sup>	<sup>(3)(4)</sup>	Common Stock	20,000
Stock Option (right to buy)	\$ 0.3	09/22/2016		X	15,000	08/07/2013 <sup>(5)</sup>	08/07/2022	Common Stock	15,000
Stock Option (right to buy)	\$ 0.42	09/22/2016		X	15,000	02/14/2014 <sup>(5)</sup>	02/14/2023	Common Stock	15,000
Stock Option (right to buy)	\$ 0.52	09/22/2016		X	10,000	02/13/2015 <sup>(1)</sup>	02/13/2024	Common Stock	10,000
Common Stock (right to buy)	\$ 0.44	09/22/2016		X	4,500	02/18/2016 <sup>(1)</sup>	02/18/2025	Common Stock	4,500
Common Stock (right to buy)	\$ 0.42					02/23/2017 <sup>(1)</sup>	02/23/2026	Common Stock	12,150
Common Stock (right to buy)	\$ 0.9 <sup>(6)</sup>					11/17/2016	11/17/2026	Common Stock	2,000
Common Stock (right to buy)	\$ 1.05 <sup>(6)</sup>					11/17/2016	11/17/2026	Common Stock	2,000

Common Stock (right to buy)	\$ 1.18 <sup>(6)</sup>	11/17/2016	11/17/2026	Common Stock	2,000
Common Stock (right to buy)	\$ 0.84 <sup>(6)</sup>	11/17/2016	11/17/2026	Common Stock	2,000
Common Stock (right to buy)	\$ 1.85 <sup>(6)</sup>	11/17/2016	11/17/2026	Common Stock	2,000
Common Stock (right to buy)	\$ 1.1 <sup>(6)</sup>	11/17/2016	11/17/2026	Common Stock	2,000
Common Stock (right to buy)	\$ 0.99 <sup>(6)</sup>	11/17/2016	11/17/2026	Common Stock	2,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
HENDERSON JAMES A 1319 MARQUETTE DRIVE ROMEDEVILLE, IL 60446	X			

## Signatures

By Jess Jankowski under UPA for James A. Henderson

12/12/2016

\_\_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 three equal annual installments.
- (2) Each share of deferred common stock represents a right to receive one share of common stock.
- (3) The deferred common stock becomes payable upon the reporting person's termination of service as a director of the Company.
- (4) Pursuant to such plan, the reporting person elected to defer receipt of such shares and receive a cumulative total of 20,030 shares of deferred common stock which will all be accounted for under the Company's Non-Employee Director Deferred Compensation Plan.
- (5) Subject to certain rights and restrictions, options vest in three equal annual installments.
- (6) The stock appreciation rights payable upon the reporting person's termination of service as a director of the Company were terminated, with stock options issued at identical exercise prices to the conversion prices of the respective stock appreciation rights. 2,000 were issued

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with an exercise price of \$0.90, 2,000 were issued with an exercise price of \$1.05, 2,000 were issued with an exercise price of \$1.18, 2,000 were issued with an exercise price of \$0.84, 2,000 were issued with an exercise price of \$1.85, 2,000 were issued with an exercise price of \$1.10, and 2,000 were issued with an exercise price of \$0.99.

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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