Wesley Melvin III Form 4 May 14, 2010

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

January 31, Expires: STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

2005 Estimated average burden hours per

0.5

SECURITIES

response...

Form 5 obligations may continue.

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 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Wesley Melvin III

2. Issuer Name and Ticker or Trading

Issuer

Symbol

OPNET TECHNOLOGIES INC

(Check all applicable)

5. Relationship of Reporting Person(s) to

[OPNT]

(Last) (First) 3. Date of Earliest Transaction

X_ Officer (give title below)

Director

10% Owner Other (specify

C/O OPNET TECHNOLOGIES.

05/13/2010

(Month/Day/Year)

Chief Financial Officer

INC., 7255 WOODMONT **AVENUE**

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

BETHESDA, MD 20814

(City) (State)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

2. Transaction Date 2A. Deemed

(Middle)

(Zip)

3. 4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership

(Instr. 4)

(9-02)

(Month/Day/Year)

Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

(A)

\$0

Following Reported Transaction(s)

(Instr. 3 and 4) Price

Common Stock (1)

1.Title of

Security

(Instr. 3)

05/13/2010

Code V Amount (D) Α 532 Α

15,352

D

(Instr. 4)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amount of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underlying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Securities	(Instr. 5)
	Derivative				Securities	S		(Instr. 3 and 4)
	Security				Acquired			`	
	· ·				(A) or				
					Disposed				
					of (D)				
					(Instr. 3,				
					4, and 5)				
					1, und 3)				
								Amour	ıt
						Date Expiration Exercisable Date	Evniration	or	
							Title Number	r	
						Exercisable	Date	of	
				Code V	(A) (D)			Shares	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Wesley Melvin III C/O OPNET TECHNOLOGIES, INC. 7255 WOODMONT AVENUE BETHESDA, MD 20814

Chief Financial Officer

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

Signatures

Mel Wesley III by Dennis R. McCoy under Power of Attorney

05/14/2010

**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) Restricted stock grant. 177 shares vest on May 13, 2012, 177 shares vest on May 13, 2013, and 178 shares vest on May 13, 2014.

 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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