Wesley Melvin III Form 4 June 11, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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Check this box

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

(Print or Type Responses)

1(b).

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

(First)

(Street)

(State)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Middle)

(Zip)

OPNET TECHNOLOGIES INC [OPNT]

(Check all applicable)

3. Date of Earliest Transaction

06/11/2010

(Month/Day/Year)

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

Chief Financial Officer

C/O OPNET TECHNOLOGIES. INC., 7255 WOODMONT

AVENUE

(City)

Stock

(Last)

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

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

BETHESDA, MD 20814

1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Transaction(A) or Disposed of (D) Form: Direct Indirect Security (Month/Day/Year) Execution Date, if Securities (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially (D) or Beneficial (Month/Day/Year) (Instr. 8) Owned Indirect (I) Ownership Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V (D) Price Amount Common 06/11/2010 S D 14,892 D 400 15.51 Stock Common 06/11/2010 S 631 \$ 15.5 14.261 D D

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 (9-02)required to respond unless the form displays a currently valid OMB control number.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (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. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amount of		Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivative				Securities		(Instr. 5)	Bene
	Derivative				Securities Acquired (A) or			(Instr. 3	and 4)		Own
	Security										Follo
	•										Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3, 4, and 5)						
								Λ.	mount		
									mount		
						Date	Expiration Date	Title N	r Jumber		
						Exercisable		Title Numb			
				C + V	(A) (D)						
			Code V (A) (D)					S	hares		

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

Signatures

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

06/11/2010

**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).

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.

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