#### ANGIODYNAMICS INC

Form 4

August 19, 2008

### FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** 

3235-0287 Number:

**OMB APPROVAL** 

January 31, Expires: 2005

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person \* 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading APPLING WILLIAM M Issuer Symbol ANGIODYNAMICS INC [ANGO] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner \_X\_\_ Officer (give title Other (specify 603 QUEENSBURY AVE. 08/15/2008 below) Vice-President - Research (Street) 6. Individual or Joint/Group Filing(Check

4. If Amendment, Date Original Filed(Month/Day/Year) Applicable Line) \_X\_ Form filed by One Reporting Person

Form filed by More than One Reporting Person

QUEENSBURY, NY 12804

(State)

(Zip)

(City)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Instr. 3, 4 and 5) Indirect (I) Ownership (Month/Day/Year) (Instr. 8) Owned Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Common

6,564 D Stock

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

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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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D)	6. Date Exercisal Expiration Date (Month/Day/Year		7. Title and Ar Underlying Se (Instr. 3 and 4)
					(Instr. 3, 4, and 5)	Date Exercisable	Expiration Date	Title T
				Code V	(A) (D)			¢
Non-Qualified Stock Option (right to buy)	\$ 16.33	08/15/2008		A	10,000	08/15/2009	08/15/2015	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 13.18					07/20/2005(1)	07/20/2014	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 17.76					07/27/2008(2)	07/27/2017	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 18.4					08/15/2007(3)	08/15/2016	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 24.21					07/29/2006(4)	07/29/2015	Common Stock
Restricted Stock Units	\$ 0 (5)					05/30/2009	05/29/2019	Common Stock

# **Reporting Owners**

Reporting Owner Name / Address			Relationships		
reporting owner runner runners	Director	10% Owner	Officer	Other	
APPLING WILLIAM M 603 QUEENSBURY AVE. QUEENSBURY, NY 12804			Vice-President - Research		

## **Signatures**

By: K. Wayne McDougall For: William
Appling
08/19/2008

\*\*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) Options for 25% of the shares are each exercisable on 7/20/05, 7/20/06, 7/20/07, 7/20/08, respectively.

Reporting Owners 2

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- (2) Options for 25% of the total number of shares each become exercisable on 7/27/08, 7/27/09, 7/27/10, and 7/27/11.
- (3) Options for 25% of the shares will each become exercisable on 8/15/07, 8/15/08, 8/15/09, and 8/15/10, respectively.
- (4) Options for 25% of the shares are each exercisable on 7/29/06, 7/29/07, 7/29/08, and 7/29/09, respectively.
- (5) Each restricted stock unit represents a contingent right to receive one share of AngioDynamics, Inc. common stock.

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.