MAPES HAROLD Form 4

September 09, 2009

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL

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Check this box if no longer subject to Section 16.

Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Washington, D.C. 20549

Form 5 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

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * MAPES HAROLD

(First)

2. Issuer Name and Ticker or Trading

Issuer

5. Relationship of Reporting Person(s) to

Symbol

(Middle)

ANGIODYNAMICS INC [ANGO]

(Check all applicable)

603 QUEENSBURY AVE.

3. Date of Earliest Transaction

(Month/Day/Year)

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

09/04/2009

below) below) VP - Operations

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

D

Person

QUEENSBURY, NY 12804

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8)

5. Amount of Securities Beneficially (D) or Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

(A) or

Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price

Common Stock

5,537

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. Transacti Code (Instr. 8)	5. Number on f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisal Expiration Date (Month/Day/Yea		7. Title and A Underlying S (Instr. 3 and	Secu
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	An or No of
Non-Qualified Stock Option (right to buy)	\$ 13.29	09/04/2009		A	5,000	09/04/2010	09/04/2016	Common Stock	4
Restricted Stock Units	\$ 0	09/04/2009		A	5,000	09/04/2010	09/04/2016	Common Stock	4
Non-Qualified Stock Option (right to buy)	\$ 13.18					07/20/2005(1)	07/20/2014	Common Stock	8
Non-Qualified Stock Option (right to buy)	\$ 16.33					08/15/2009	08/15/2015	Common Stock	1
Non-Qualified Stock Option (right to buy)	\$ 17.76					07/27/2008(2)	07/27/2017	Common Stock	1
Non-Qualified Stock Option (right to buy)	\$ 18.4					08/15/2007(3)	08/15/2016	Common Stock	1
Non-Qualified Stock Option (right to buy)	\$ 24.21					07/29/2006(4)	07/29/2015	Common Stock	8
Restricted Stock Units	\$ 0 (5)					05/30/2009	05/29/2019	Common Stock	2

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
MAPES HAROLD						
603 QUEENSBURY AVE.			VP - Operations			
QUEENSBURY, NY 12804			_			

Reporting Owners 2

Date

Signatures

By: K. Wayne McDougall For: Harold C
Mapes Jr.

09/09/2009

**Signature of Reporting Person

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.
- (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.

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