McGill Stephen Form 4 August 26, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * McGill Stephen

(First)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

(Last)

ANGIODYNAMICS INC [ANGO]

3. Date of Earliest Transaction

603 QUEENSBURY AVE.

(Month/Day/Year)

X_ Officer (give title below)

10% Owner Other (specify

11/02/2009

below) SVP - General Manager

(Street) 4. If Amendment, Date Original

(Middle)

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

Director

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

Person

QUEENSBURY, NY 12804

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

1.Title of Security (Instr. 3)

(City)

(Month/Day/Year) Execution Date, if

2. Transaction Date 2A. Deemed

(Month/Day/Year)

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

5. Amount of Securities Beneficially Owned Following Reported

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

Indirect Beneficial Ownership (Instr. 4)

SEC 1474

(9-02)

(A) or

(D)

Transaction(s)

(Instr. 3 and 4) Price

Common Stock

08/03/2010

Code V Amount A 3,500 A

\$0 3,500 D

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) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Ar Underlying Se (Instr. 3 and 4)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title I
Non-Qualified Stock Option (right to buy)	\$ 15.1	11/02/2009		A	40,000	11/02/2010	11/02/2016	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 15.75	08/03/2010		A	7,000	08/03/2011(1)	08/03/2017	Common Stock
Restricted Stock Units	\$ 0	11/02/2009		A	10,000	11/02/2010	11/02/2016	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships					
reporting of their runner, reduces	Director	10% Owner	Officer	Other		
McGill Stephen 603 QUEENSBURY AVE. QUEENSBURY, NY 12804			SVP - General Manager			

Signatures

By: K. Wayne McDougall For: Stephen
McGill
08/26/2010

**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) Options for 25% of the total number of shares each become exercisable on 8/3/2011, 8/3/2012, 8/3/2013, and 8/3/2014.

Remarks:

The shares of common stock granted to the Reporting Person on 8/3/2010 reported in Table I of this Form 4 reflect the grant or 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.

Reporting Owners 2