

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Trowbridge Stephen A</u>			2. Issuer Name and Ticker or Trading Symbol <u>ANGIODYNAMICS INC [ANGO]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>SVP and General Counsel</u>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>07/27/2016</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
<u>14 PLAZA DRIVE</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) <u>LATHAM NY 12110</u>								
(City) (State) (Zip)								

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
<u>Common Stock</u>	<u>07/27/2016</u>		<u>A</u>		<u>3,447⁽¹⁾</u>	<u>A</u>	<u>\$0</u>	<u>31,280</u>	<u>D</u>	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
<u>Non-Qualified Stock Option (right to buy)</u>	<u>\$16.59</u>	<u>07/27/2016</u>		<u>A</u>		<u>12,142</u>		<u>07/27/2017⁽²⁾</u>	<u>07/27/2023</u>	<u>Common Stock</u>	<u>12,142</u>	<u>\$0</u>	<u>12,142</u>	<u>D</u>	
<u>Performance Right</u>	<u>(3)</u>	<u>07/27/2016</u>		<u>A</u>		<u>6,894</u>		<u>(3)</u>	<u>(3)</u>	<u>Common Stock</u>	<u>6,894</u>	<u>\$0</u>	<u>6,984</u>	<u>D</u>	

Explanation of Responses:

- This acquisition of 3,447 shares of common stock ("Common Stock") of AngioDynamics, Inc. (the "Company"), represents 3,447 restricted stock units, each of which represents a contingent right to receive one share of Common Stock. These restricted stock units vest in four equal installments beginning on July 27, 2017, such that 25% of the restricted stock units will vest on each of July 27, 2017, 2018, 2019 and 2020.
- These stock options vest in four equal annual installments beginning on July 27, 2017, such that 25% of the options will vest on each of July 27, 2017, 2018, 2019 and 2020.
- Each performance right represents a contingent right to receive one share of Common Stock. The target number of shares of Common Stock is set forth in columns 5 and 7 of Table II. Between 0% and 200% of the target number will be earned based on total shareholder return relative to a peer group of companies over a three-year performance period covering the Company's fiscal years 2017, 2018 and 2019. Any shares that do not vest at the end of the performance period will be forfeited.

/s/ Stephen A. Trowbridge,
Attorney in Fact

07/29/2016

** Signature of Reporting Person

Date

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

* 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.

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