LaPorte Steve Form 4 February 16, 2010

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 3235-0287

OMB APPROVAL

Number:

Expires:

January 31, 2005

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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 See Instruction

1(b).

(Print or Type Responses)

may continue.

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading LaPorte Steve Issuer Symbol ANGIODYNAMICS INC [ANGO] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) X_ Director 10% Owner Officer (give title Other (specify 603 QUEENSBURY AVE. 02/12/2010 below) (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 **QUEENSBURY, NY 12804** Person

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

Common 02/12/2010 P 500 6,513 D 16.354 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. Transactio Code (Instr. 8)	5. Dr.Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			7. Title and A Underlying S (Instr. 3 and 4	Securitie
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Non-Qualified Stock Option (right to buy)	\$ 13.29					09/04/2010	09/04/2016	Common Stock	12,00
Non-Qualified Stock Option (right to buy)	\$ 15.27					08/06/2009(1)	08/06/2015	Common Stock	6,00
Non-Qualified Stock Option (right to buy)	\$ 16.53					05/01/2008(2)	05/01/2014	Common Stock	25,00
Non-Qualified Stock Option (right to buy)	\$ 17.76					07/27/2008(3)	07/27/2017	Common Stock	6,00
Non-Qualified Stock Option (right to buy)	\$ 20.15					01/29/2007	09/29/2015	Common Stock	6,02
Non-Qualified Stock Option (right to buy)	\$ 22.06					01/29/2007	06/07/2016	Common Stock	4,43

Reporting Owners

Reporting Owner Name / Address	Relationships						
Topolong of nor items (items of	Director	10% Owner	Officer	Other			
LaPorte Steve 603 QUEENSBURY AVE. QUEENSBURY, NY 12804	X						
Signatures							

By: K. Wayne McDougall For: Steve	02/16/2010
LaPorte	02/10/2010

Reporting Owners 2 **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 33 1/3 of the shares are each exercisable on 8/6/09, 8/6/10, and 8/6/11 respectively
- (2) Options for 33 1/3% of the shares are each exercisable on 5/1/08, 5/1/09, 5/1/10, respectively.
- (3) 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.
 - Options to acquire .1722 shares of AngioDynamics common stock were received in exchange for options to acquire 1 share of RITA
- (4) Medical Systems, Inc., in conjunction with AngioDynamics acquisition of RITA Medical on January 29, 2007. Upon exercise, the option holder is also entitled to \$.515 per original RITA share, or \$2.99 per AngioDynamics share exercised.

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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