

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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

| | | | | | | | | |
|--|---------|----------|--|--|--|--|--|--|
| 1. Name and Address of Reporting Person* <u>LaPorte Steve</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) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below) | | |
| (Last) | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) <u>09/04/2009</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>603 QUEENSBURY AVE.</u> | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | |
| (Street) <u>QUEENSBURY NY 12804</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>6,013</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>\$13.29</u> | <u>09/04/2009</u> | | <u>A</u> | | <u>12,000</u> | | <u>09/04/2010</u> | <u>09/04/2016</u> | <u>Common Stock</u> | <u>12,000</u> | | <u>12,000</u> | <u>D</u> | |
| <u>Non-Qualified Stock Option (right to buy)</u> | <u>\$15.27</u> | | | | | | | <u>08/06/2009⁽¹⁾</u> | <u>08/06/2015</u> | <u>Common Stock</u> | <u>6,000</u> | | <u>6,000</u> | <u>D</u> | |
| <u>Non-Qualified Stock Option (right to buy)</u> | <u>\$16.53</u> | | | | | | | <u>05/01/2008⁽²⁾</u> | <u>05/01/2014</u> | <u>Common Stock</u> | <u>25,000</u> | | <u>25,000</u> | <u>D</u> | |
| <u>Non-Qualified Stock Option (right to buy)</u> | <u>\$17.76</u> | | | | | | | <u>07/27/2008⁽³⁾</u> | <u>07/27/2017</u> | <u>Common Stock</u> | <u>6,000</u> | | <u>6,000</u> | <u>D</u> | |
| <u>Non-Qualified Stock Option (right to buy)⁽⁴⁾</u> | <u>\$20.15</u> | | | | | | | <u>01/29/2007</u> | <u>09/29/2015</u> | <u>Common Stock</u> | <u>6,027</u> | | <u>6,027</u> | <u>D</u> | |
| <u>Non-Qualified Stock Option (right to buy)⁽⁴⁾</u> | <u>\$22.06</u> | | | | | | | <u>01/29/2007</u> | <u>06/07/2016</u> | <u>Common Stock</u> | <u>4,434</u> | | <u>4,434</u> | <u>D</u> | |

Explanation of Responses:

- Options for 33 1/3 of the shares are each exercisable on 8/6/09, 8/6/10, and 8/6/11 respectively
- Options for 33 1/3% of the shares are each exercisable on 5/1/08, 5/1/09, 5/1/10, respectively.
- 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 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.

Steve Laporte

09/08/2009

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.