Bourne George W. IV Form 3 May 31, 2012

UNITED STATES SECURITIES AND EXCHANGE COMMISSION FORM 3 Washington, D.C. 20549

OMB APPROVAL

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SECURITIES

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

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)

14 PLAZA DRIVE

1. Name and Address of Reporting Person *

A Bourne George W. IV

(Last)

(Street)

(First) (Middle) 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Statement

(Month/Day/Year)

05/21/2012

ANGIODYNAMICS INC [ANGO]

Person(s) to Issuer

Director

4. Relationship of Reporting

(Check all applicable)

10% Owner

_X__ Officer Other (give title below) (specify below) SVP and CTO

5. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group

Filing(Check Applicable Line) _X_ Form filed by One Reporting

Person

Form filed by More than One

Reporting Person

4. Nature of Indirect Beneficial

LATHAM. NYÂ 12110

(City) (State)

1. Title of Security (Instr. 4)

(Zip)

2. Amount of Securities Beneficially Owned (Instr. 4)

(I) (Instr. 5)

Table I - Non-Derivative Securities Beneficially Owned

Ownership Form:

Ownership (Instr. 5)

Direct (D) or Indirect

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

SEC 1473 (7-02)

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 control number.

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

1. Title of Derivative Security (Instr. 4)

2. Date Exercisable and **Expiration Date** (Month/Day/Year)

3. Title and Amount of Securities Underlying **Derivative Security** (Instr. 4)

4. Conversion or Exercise Price of Derivative Security

5. Ownership Form of Derivative Security:

6. Nature of Indirect Beneficial Ownership (Instr. 5)

Expiration Date Exercisable Date

Title

Amount or Number of Shares

Direct (D) or Indirect (I) (Instr. 5)

Reporting Owners

Reporting Owner Name / Address

Director | 10% Owner | Officer Other

Bourne George W. IV

14 PLAZA DRIVE | Â | Â | Â | SVP and CTO | Â

LATHAM, NYÂ 12110

Signatures

/s/ Stephen A. Trowbridge, Attorney in Fact 05/31/2012

**Signature of Reporting Person Date

Explanation of Responses:

No securities are beneficially owned

- * If the form is filed by more than one reporting person, see Instruction 5(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).

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Remarks:

Exhibit List: Exhibit 24.1 - Power of Attorney

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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