

Richard Stark  
Form 3  
January 12, 2012

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

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

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. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â Richard Stark		(Month/Day/Year)	ANGIODYNAMICS INC [ANGO]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
603 QUEENSBURY AVENUE			(Check all applicable)	
(Street)			<input type="checkbox"/> Director	<input type="checkbox"/> 10% Owner
QUEENSBURY, NY 12804			<input checked="" type="checkbox"/> Officer	<input type="checkbox"/> Other
(City)	(State)	(Zip)	(give title below)	(specify below)
			SVP, GM - Oncology	6. Individual or Joint/Group Filing(Check Applicable Line)
				<input checked="" type="checkbox"/> Form filed by One Reporting Person
				<input type="checkbox"/> Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	3,502	D	Â
Common Stock	4,000 <sup>(1)</sup>	D	Â
Common Stock	3,000 <sup>(2)</sup>	D	Â
Common Stock	4,000 <sup>(3)</sup>	D	Â
Common Stock	8,500 <sup>(4)</sup>	D	Â

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)**

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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: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Non-Qualified Stock Option (right to buy)	Â (5)	08/06/2015	Common Stock	18,100	\$ 15.27	D	Â
Non-Qualified Stock Option (right to buy)	Â (6)	09/04/2016	Common Stock	8,500	\$ 13.29	D	Â
Non-Qualified Stock Option (right to buy)	Â (7)	10/22/2014	Common Stock	9,300	\$ 20.59	D	Â
Non-Qualified Stock Option (right to buy)	08/11/2010	08/11/2016	Common Stock	5,166	\$ 18.93	D	Â
Non-Qualified Stock Option (right to buy)	Â (8)	08/05/2014	Common Stock	4,305	\$ 20.32	D	Â
Non-Qualified Stock Option (right to buy)	12/23/2009	12/23/2015	Common Stock	2,152	\$ 23.11	D	Â
Non-Qualified Stock Option (right to buy)	Â (9)	10/02/2013	Common Stock	1,765	\$ 17.59	D	Â
Non-Qualified Stock Option (right to buy)	Â (10)	08/23/2012	Common Stock	688	\$ 32.17	D	Â
Non-Qualified Stock Option (right to buy)	Â (11)	04/01/2012	Common Stock	258	\$ 55.28	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Richard Stark 603 QUEENSBURY AVENUE QUEENSBURY, NY 12804	Â	Â	Â SVP, GM - Oncology	Â

## Signatures

/s/ Stephen A. Trowbridge, Attorney  
in Fact

01/12/2012

Date

\_\_Signature of Reporting Person

## Explanation of Responses:

- \* 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).
- (1) Represents 4,000 restricted stock units, each of which represents a contingent right to receive one share of AngioDynamics, Inc. common stock. The restricted stock units vest in equal installments on 09/04/2012 and 09/04/2013.

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- (2) Represents 3,000 restricted stock units, each of which represents a contingent right to receive one share of AngioDynamics, Inc. common stock. The restricted stock units vest in equal installments on 08/03/2012, 08/03/2013 and 08/03/2014.
- (3) Represents 4,000 restricted stock units, each of which represents a contingent right to receive one share of AngioDynamics, Inc. common stock. The restricted stock units vest in four equal annual installments beginning on 01/28/2012.
- (4) Represents 8,500 restricted stock units, each of which represents a contingent right to receive one share of AngioDynamics, Inc. common stock. The restricted stock units vest in four equal annual installments beginning on 08/03/2012.
- (5) Options for 25% of the shares are exercisable on 08/06/2009, 08/06/2010, 08/06/2011 and 08/06/2012.
- (6) Options for 25% of the shares are exercisable on 09/04/2010, 09/04/2011, 09/04/2012 and 09/04/2013.
- (7) Options for 25% of the shares are exercisable on 10/22/2008, 10/22/2009, 10/22/2010 and 10/22/2011.
- (8) Options for 539 of the shares became exercisable on 02/05/2005 and options for 3,766 of the shares became exercisable on 08/05/2008.
- (9) Options for 221 of the shares became exercisable on 04/02/2004 and options for 1,544 of the shares became exercisable on 10/02/2007.
- (10) Options for 86 of the shares became exercisable on 02/23/2003 and options for 602 of the shares became exercisable on 08/23/2006.
- (11) Options for 33 of the shares became exercisable on 10/01/2002 and options for 225 of the shares became exercisable on 04/01/2006.

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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.