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 Ad Person <u>*</u> Richard S	•	oorting	2. Date of Event Requiring Statement (Month/Day/Year)		3. Issuer Name and Ticker or Trading Symbol ANGIODYNAMICS INC [ANGO]					
(Last)	(First)	(Middle)	01/03/2012		4. Relationship of Reporting Person(s) to Issuer			5. If Amendment, Date Original Filed(Month/Day/Year)		
603 QUEEN	SBURY A	VENUE			(61 1 11 11 11 11)					
(Street) QUEENSBURY, NY 12804					(Check all applicable) Director 10% Owner Officer Other (give title below) (specify below) SVP, GM - Oncology			6. Individual or Joint/Group		
								Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City)	(State)	(Zip)		Table I - N	Non-Derivative Securities Beneficially Owned					
1.Title of Secur (Instr. 4)	ity			2. Amount of Beneficially (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Na Owne (Instr	-		
Common Sto	ock			3,502		D	Â			
Common Sto	ock			4,000 (1)		D	Â			
Common Sto	ock			3,000 (2)		D	Â			
Common Sto	ock			4,000 (3)		D	Â			
Common Sto	ock			8,500 (4)		D	Â			
Reminder: Report on a separate line for each class of securities benefici owned directly or indirectly. Persons who respond to the collection of information contained in this form are not					SEC 1473 (7-02	2)				
required to respond unless the form displays a										

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	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)	
Non-Qualified Stock Option (right to buy)	(5)	08/06/2015	Common Stock	18,100	\$ 15.27	D	Â
Non-Qualified Stock Option (right to buy)	(6)	09/04/2016	Common Stock	8,500	\$ 13.29	D	Â
Non-Qualified Stock Option (right to buy)	(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)	(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)	(9)	10/02/2013	Common Stock	1,765	\$ 17.59	D	Â
Non-Qualified Stock Option (right to buy)	(10)	08/23/2012	Common Stock	688	\$ 32.17	D	Â
Non-Qualified Stock Option (right to buy)	(11)	04/01/2012	Common Stock	258	\$ 55.28	D	Â

Reporting Owners

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

Signatures

/s/ Stephen A. Trowbridge, Attorney in Fact 01/12/2012

**Signature of Reporting Person Date

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.

Reporting Owners 2

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- 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.