FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPRO	DVAL				
OMB Number:	3235-0287				
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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

1. Name and Address of Reporting Person*  GERSUK D JOSEPH						2. Issuer Name and Ticker or Trading Symbol ANGIODYNAMICS INC [ ANGO ]										ck all appli Directo	cable) or		rson(s) to Issuer  10% Owner				
(Last)	,	First)	(Middle)		3. Date of Earliest Transaction (Month/Day/Year) 09/06/2011  X Officer (give title below)  EVP - C									- CF	Other (specify below)								
(Street) QUEENS (City)	SBURY 1		12804 (Zip)		4. If Amendment, Date of Original Filed (Month/Day/Year)  6. Individual or Joint/Group Filing (Check A Line)  X Form filed by One Reporting Person								orting Perso	n									
		Tab	le I - No	n-Deriv	<i>r</i> ative	Sec	uriti	ies Ac	qui	ired, [	Disp	osed c	f, or B	enef	ficiall	y Owned	I						
Date			Date	nsaction th/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)		,	3. Transact Code (In 8)		4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4 5)			A) or , 4 and		es ally Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership				
									7	Code	v	Amount	(A) (D)	or F	Price	Reporte Transac (Instr. 3	tion(s)			(Instr. 4)			
Common	Stock			09/0	6/2011	1				M		3,000	) A	. !	\$13.49	39	,619		D D				
Common	Stock			09/0	6/2011	1				F		1,086	Г	, ;	\$13.49	38	38,533		D				
		٦	able II -									sed of, onverti				Owned			•				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security		3A. Deem Execution if any (Month/Da	Date,	4. Transactior Code (Instr. 8)		n of		Exp	Date Exe Diration I Dinth/Day	Date		7. Title and Amount of Securities Underlying Derivative Securi (Instr. 3 and 4)		curity	8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	ly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)			
					Code	v	(A)	(D)	Date Exe	e ercisable		xpiration ate	Title	or Nu of	mber ares								
Restricted Stock Units	\$0	09/06/2011			М			3,000	09/	/04/2011	09	9/04/2016	Common Stock	3,	000	\$13.49	6,000		D				

Explanation of Responses:

Remarks:

/s/ K. Wayne McDougall, Attorney in Fact

09/08/2011

\*\* Signature of Reporting Person Date

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

- $^{\star}$  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.