SEC	Form	4
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FORM 4

Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Check this box if no longer subject to

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

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			or Se	ection 30(n) of the In-	vestmei	nt Con	ipany Act of 19	940						
1. Name and Address of Reporting Person*				2. Issuer Name and Ticker or Trading Symbol ORGANOVO HOLDINGS, INC. [ONVO]						5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
<u>Murphy Keit</u>	<u>n</u>						<u>,</u> [0.		X	Director	X 10%	Owner		
(Last)	(First)	(Middle)		e of Earliest Transac	tion (Mo	onth/D	ay/Year)		x	Officer (give title below)	Other below	(specify /)		
6275 NANCY RIDGE DRIVE, SUITE 110				/2013					Chairman, CE	O and Presid	ent			
(Street)			4. If Ai	4. If Amendment, Date of Original Filed (Month/Day/Year)						Individual or Joint/Group Filing (Check Applicable ne)				
SAN DIEGO	CA	92121							X	Form filed by One	e Reporting Pers	on		
(City)	(State)	(Zip)								Form filed by Mor Person	e than One Rep	orting		
		Table I - No	n-Derivative \$	Securities Acqu	uired,	Disp	oosed of, o	r Bene	ficially	Owned				
Date		2. Transaction Date (Month/Day/Year)	Execution Date,				4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and		5. Amount of Securities Beneficially Owned Following Reported	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	Transaction(s) (Instr. 3 and 4)		(msu. 4)		

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

	(cigi, puis, variants, options, conventible 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. Transa Code (8)		Derivative		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)	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	Amount or Number of Shares		(Instr. 4)		
Stock Option (Right to Buy)	\$3.93	03/12/2013		A		215,000		(1)	03/12/2023	Common Stock	215,000	\$0	215,000	D	

Explanation of Responses:

1. 25% of the option shares vest and become exercisable on January 1, 2014 and the remaining shares vest in 12 equal quarterly installments thereafter.

/s/ Keith Murphy

** Signature of Reporting Person

03/14/2013

Date

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.