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 or Section 30(h) of the Investment Company Act of 1940 OMB APPROVAL
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			or Section 30(h) of the Investment Company Act of 1940	
1. Name and Address of Reporting Person <sup>*</sup> Bush Jennifer			2. Issuer Name <b>and</b> Ticker or Trading Symbol ORGANOVO HOLDINGS, INC. [ ONVO ]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner
(Last) 6275 NANCY	(First) RIDGE DRIV	(Middle) /E, SUITE 110	3. Date of Earliest Transaction (Month/Day/Year) 11/06/2014	X below) below) General Counsel
(Street)			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line)
SAN DIEGO	CA	92121	_	X Form filed by One Reporting Person Form filed by More than One Reporting Person
(City)	(State)	(Zip)		
		Table I - Non-D	erivative Securities Acquired, Disposed of, or Benef	icially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution Date,			4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			Beneficially Owned Following	Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	v	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		(11301.4)

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

	(e.g., puis, cans, warrants, 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)	\$6.84	11/06/2014		A		150,000		(1)	11/06/2024	Common Stock	150,000	\$0	150,000	D	

Explanation of Responses:

1. 25% of the option shares vest and become exercisable on September 2, 2015 and the remaining shares vest in 12 equal quarterly installments thereafter.

<u>/s/ Jennifer Bush</u>

\*\* Signature of Reporting Person

<u>11/07/2014</u> 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.