

FORM 4

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

OMB APPROVAL	
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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).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * Looby Thomas		2. Issuer Name and Ticker or Trading Symbol EKSO BIONICS HOLDINGS, INC. [EKSO]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) President & CEO	
(Last) (First) (Middle) C/O EKSO BIONICS HOLDINGS, INC., 1414 HARBOUR WAY SOUTH, SUITE 1201		3. Date of Earliest Transaction (Month/Day/Year) 08/31/2017			
(Street) RICHMOND, CA 94804		4. If Amendment, Date Original Filed (Month/Day/Year)		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	
(City) (State) (Zip)		Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned			

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	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			
Common Stock	08/31/2017		X		3,714 (1) (2)	A	\$ 1	5,315	D	

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible 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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		(A)	(D)	Date Exercisable	Expiration Date				
Subscription Rights (right to buy)	\$ 1	08/31/2017		X		1,601	08/10/2017	08/31/2017	Common Stock	3,714	\$ 0	0	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Looby Thomas C/O EKSO BIONICS HOLDINGS, INC. 1414 HARBOUR WAY SOUTH, SUITE 1201 RICHMOND, CA 94804	X		President & CEO	

Signatures

Erin M. Anderman, as Attorney-in-Fact <small>Signature of Reporting Person</small>	09/05/2017 <small>Date</small>
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Explanation of Responses:

* 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).

- On August 14, 2017, Ekso Bionics Holdings, Inc. (the "Company") issued a press release announcing the commencement of a pro rata offering (the "Rights Offering") of rights to holders of the Company's common stock and certain holders of warrants issued by the Company, as of the record date of August 10, 2017, to subscribe for up to an aggregate of
- 34,000,000 shares of common stock. Each subscription right included a basic subscription right, which entitled its holder to purchase 1.1608 shares of common stock at a subscription price of \$1.00, and an over-subscription right, which entitled its holder to purchase up to 1.1608 shares of common stock at a subscription price of \$1.00, subject to the availability and pro rata allocation of shares among rights holders exercising their over-subscription rights.
 - The reporting person exercised in full his basic subscription rights, pursuant to which he acquired 1,857 shares of common stock. The reporting person also exercised in full his over-subscription rights for an additional 1,857 shares of common stock.

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.