FORM 4	4
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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).

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

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02)

#### 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

	1								
1. Name and Address of Reporting Person – ODONNELL JEFFREY F				0,	ıbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner			
<sup>(Middle)</sup> , INC., 8441 )	3. Date of Earliest Transaction (Month/Day/Year) 12/14/2016				Officer (give title below)	Other (specify b	pelow)		
(Street) MINNEAPOLIS, MN 55426			nal Fi	led(Month/	Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_Form filed by One Reporting Person Form filed by More than One Reporting Person			
(Zip)	Table I - Non-Derivative Securities Acqui					ired, Disposed of, or Beneficially Owned			
Date (Month/Day/Year)	Execution Date, if any	Code (Instr. 8)		(A) or Disposed of (D)		of	Beneficially Owned Following Reported Transaction(s)		Beneficial Ownership
12/14/2016		Code A			~ /		159,000	(I) (Instr. 4) D	
	(Middle) , INC., 8441 ) (Zip) 2. Transaction Date (Month/Day/Year)	BioSig Technolo   (Middle) 3. Date of Earliest 12/14/2016   12/14/2016 4. If Amendment, I   (Zip) Tabl   2. Transaction 2A. Deemed   Date Execution Date, if any (Month/Day/Year)	BioSig Technologies, Inc   (Middle) 3. Date of Earliest Transaction   12/14/2016 12/14/2016   (Zip) 4. If Amendment, Date Origin   (Zip) Table I - Non-I   2. Transaction 2A. Deemed   Date S. Transact   (Month/Day/Year) (Month/Day/Year)	BioSig Technologies, Inc. [B3   (Middle) 3. Date of Earliest Transaction (Mathematical Strength Strengt Strength Strength Strength Strength Strength Strength St	BioSig Technologies, Inc. [BSGM]   (Middle) 3. Date of Earliest Transaction (Month/Day/ 12/14/2016   4. If Amendment, Date Original Filed(Month/ 4. If Amendment, Date Original Filed(Month/ 2. Transaction Date (Month/Day/Year) 3. Transaction Execution Date, if any (Month/Day/Year) 3. Transaction Code (Instr. 8) 4. Securi (D) (Instr. 3, Code	BioSig Technologies, Inc. [BSGM]   (Middle) 3. Date of Earliest Transaction (Month/Day/Year)   12/14/2016 12/14/2016   4. If Amendment, Date Original Filed(Month/Day/Year)   (Zip) Table I - Non-Derivative Securities   2. Transaction 2A. Deemed   Date 3. Transaction   (Month/Day/Year) 3. Transaction   (Linstr. 8) (A) or Disposed   (Month/Day/Year) (A) or Disposed   (D) (Instr. 3, 4 and 5)	BioSig Technologies, Inc. [BSGM]   BioSig Technologies, Inc. [BSGM]   (Middle) 3. Date of Earliest Transaction (Month/Day/Year)   12/14/2016   4. If Amendment, Date Original Filed(Month/Day/Year)   (Zip)   Table I - Non-Derivative Securities Acquired   2. Transaction Date (Month/Day/Year)   2. Transaction Date (Month/Day/Year)   (Month/Day/Year)   (Month/Day/Year)   (Month/Day/Year)   (Month/Day/Year)   (Month/Day/Year)   (Month/Day/Year)	(Middle)   3. Date of Earliest Transaction (Month/Day/Year)   (Check all appli     (Middle)   3. Date of Earliest Transaction (Month/Day/Year)   (Check all appli     12/14/2016   12/14/2016   (Check all appli     (Zip)   4. If Amendment, Date Original Filed(Month/Day/Year)   6. Individual or Joint/Group Filin, X_Form filed by One Reporting Person Form filed by More than One Reporting     (Zip)   Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially     2. Transaction Date (Month/Day/Year)   3. Transaction (Code (Instr. 8)     (Month/Day/Year)   (A) or Disposed of (D) (Instr. 3, 4 and 5)     (Month/Day/Year)   Code   V     (Amount (A) or Price   (Instr. 3 and 4)	BioSig Technologies, Inc. [BSGM]   Check all applicable)     (Middle)   3. Date of Earliest Transaction (Month/Day/Year)   Check all applicable)     (Middle)   3. Date of Earliest Transaction (Month/Day/Year)   6. Individual or Joint/Group Filing(Check Application (Month/Day/Year))     (Zip) <b>4.</b> If Amendment, Date Original Filed(Month/Day/Year)   6. Individual or Joint/Group Filing(Check Application (Month/Day/Year))     (Zip) <b>Table I - Non-Derivative Securities Acquired</b> 5. Amount of Securities     2. Transaction Date, if (Month/Day/Year)   3. Transaction (Instr. 8)   5. Amount of Securities (Instr. 3, 4 and 5)     (Month/Day/Year)   (Instr. 3, 4 and 5)   5. Amount of Securities (Instr. 3 and 4)   6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)

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

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 control number.

#### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

( <i>e.g.</i> , puts, calls, warrants, options, convertible securities)														
1. Title of	2.	3. Transaction	3A. Deemed	4.	5. Nu	umber	6. Date Exer	cisable	7. Tit	le and	8. Price of	9. Number of	10.	11. Nature
Derivative	Conversion	Date	Execution Date, if	Transaction	of		and Expirati	on Date	Amo	unt of	Derivative	Derivative	Ownership	of Indirect
Security	or Exercise	(Month/Day/Year)	any	Code	Deriv	vative	(Month/Day	/Year)	Unde	rlying	Security	Securities	Form of	Beneficial
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Secu	rities			Secu	rities	(Instr. 5)	Beneficially	Derivative	Ownership
	Derivative				Acqu	iired			(Instr	: 3 and		Owned	Security:	(Instr. 4)
	Security				(A) (	or			4)			Following	Direct (D)	
					Disp	osed						Reported	or Indirect	
					of (E	))						Transaction(s)	(I)	
					(Inst	r. 3,						(Instr. 4)	(Instr. 4)	
					4, an	d 5)								
										Amount				
							Dete	Emination		or				
							Date Exercisable	Expiration	Title	Number				
							Exercisable	Date		of				
				Code V	(A)	(D)				Shares				

### **Reporting Owners**

Describe Open News (Address	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
ODONNELL JEFFREY F C/O BIOSIG TECHNOLOGIES, INC. 8441 WAYZATA BLVD., SUITE 240 MINNEAPOLIS, MN 55426	Х						

## Signatures

/s/ Kenneth L. Londoner, attorney-in-fact	02/09/2017
Signature of Reporting Person	Date

# **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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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