FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL									
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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 Add Mark & Tar Trust	Family (. Date of Event lequiring Staten Month/Day/Year 5/13/2016	nent	3. Issuer Name and Ticker or Trading Symbol Pulse Biosciences, Inc. [PLSE]									
(Last) (First) (Middle) 100 WILSHIRE BLVD					Relationship of Reporting Perso (Check all applicable) Director X Officer (give title			on(s) to Issuer 10% Owner Other (specify		5. If Amendment, Date of Original Filed (Month/Day/Year)			
SUITE 1500 (Street)			_			below)		below)	City	Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One		One Reporting Person	
SANTA MONICA	CA	90401									Reporting Pe		
(City)	(State)	(Zip)											
Table I - Non-Derivative Securities Beneficially Owned													
1. Title of Security (Instr. 4)					2. Amount of Securities Beneficially Owned (Instr. 4)			3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		4. Nature of Indirect Beneficial Ownership (Instr. 5)			
Common Stock						1,310,861		D					
Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)													
Expira			Expiration Da	. Date Exercisable and expiration Date Month/Day/Year)		3. Title and Amount of Securi Underlying Derivative Securi			4. Conversion or Exercise Price of		5. Ownership Form: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)	
			Date Exercisable	Expiratio Date		tle		Amount or Number of Shares	Derivati Securit	ive	or Indirect (I) (Instr. 5)		

Explanation of Responses:

<u>Carrie Leahy, Attorney-in-fact</u> <u>by power of attorney</u>

05/19/2016

** Signature of Reporting Person 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 5 (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.