Avinger Inc Form 3 July 22, 2016 UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB APPROVAL FORM 3 Washington, D.C. 20549 OMB Number:

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and A Person <u>*</u> Simpson		porting	 Date of Event Requiring Statement (Month/Day/Year) 	3. Issuer Name and Ticker or Trading Symbol Avinger Inc [AVGR]				
(Last)	(First)	(Middle)	07/12/2016	4. Relationsh Person(s) to I	ip of Reporting Issuer	g 5. If Amendment, Date Original Filed(Month/Day/Year)		
400 CHESA	PEAKE D	RIVE						
(Street)				(Check	all applicable) 6. Individual or Joint/Group		
REDWOOD CITY, CA 94063			¹		r 10% Othe w) (specify bel es & Mark	ow) Person		
	(State)	(Zip)			· · · · ·	1 0		
(City)	(State)	(Zip)	Table I -	Non-Derivat	tive Securit	ies Beneficially Owned		
1.Title of Security (Instr. 4)				2. Amount of Securities Beneficially Owned (Instr. 4)		4. Nature of Indirect Beneficial Ownership (Instr. 5)		
Common stock			37,037		Ι	John David Simpson Trustee of Simpson Trust Dated 12/9/08		
Common sto	ock		5,036		Ι	John David Simpson Trustee of Simpson Trust Dated 12/9/08		
Common sto	ock		76,490		Ι	John David Simpson Trustee of Simpson Trust Dated 12/9/08		
Common stock			30,974		Ι	John David Simpson Trustee of Simpson Trust Dated 12/9/08		
Common sto	ock		39,681		Ι	John David Simpson Trustee of Simpson Trust Dated 12/9/08		
Common stock			62,379		Ι	John David Simpson Trustee of Simpson Trust Dated 12/9/08		
Common sto	ock		986		Ι	John David Simpson Trustee of		

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January 31,

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Expires:

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Estimated average burden hours per

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

SEC 1473 (7-02)

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)	
Date Exercisable		Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)		
Option (right to buy)	12/31/2014	12/31/2024	Common Stock	22,222	\$ 4.5	D	Â	
Option (right to buy)	12/31/2014	12/31/2024	Common Stock	36,161	\$ 4.5	D	Â	
Option (right to buy)	03/09/2010	03/09/2020	Common Stock	5,747	\$ 4.95	D	Â	
Option (right to buy)	06/16/2010	07/01/2020	Common Stock	4,738	\$ 4.95	D	Â	
Option (right to buy)	07/29/2011	07/29/2021	Common Stock	952	\$ 12.6	D	Â	
Option (right to buy)	07/29/2011	07/29/2021	Common Stock	7,936	\$ 12.6	D	Â	
Option (right to buy)	05/01/2013	05/01/2023	Common Stock	4,938	\$ 20.25	D	Â	
Option (right to buy)	05/01/2013	05/01/2023	Common Stock	10,211	\$ 20.25	D	Â	
Stock Option (Right to Buy)	03/03/2017(1)	03/03/2026	Stock Option (Right to Buy)	15,000	\$ 12.99	D	Â	
Restricted Stock Units	03/03/2017	(<u>3)</u>	Common stock	7,500 <u>(4)</u>	\$ <u>(2)</u>	D	Â	
Warrants	09/02/2014	09/02/2016	Common stock	27,777	\$ 12.6	Ι	John David Simpson Trustee of Simpson Trust dated 12/9/08	

Reporting Owners

Reporting Owner Name / Address	5	Relationships					
		10% Owner	Officer	Other			
Simpson John D. 400 CHESAPEAKE DRIVE REDWOOD CITY, CA 940	Â 63	Â	Sr. VP, Sales & amp; Marketing	Â			
Signatures							
/s/ John D 07/2 Simpson	2/2016						
<u>**</u> Signature of I Reporting Person	Date						

Explanation of Responses:

- * 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).
- (1) The stock options vest 25% on the first anniversary of the transaction date and monthly thereafter in 36 equal increments.
- (2) No exercise price for this type of award
- (3) No expiration date for this type of award
- (4) Reporting person received a grant under the 2015 Plan of RSUs with a grant date fair value of \$12.99 per share. The RSUs vest annually over four years in equal increments.

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.