Form **8937** (December 2017) Department of the Treasury Internal Revenue Service

Report of Organizational Actions Affecting Basis of Securities

► See separate instructions.

OMB No. 1545-0123

Part I	Reporting	lssuer			
1 Issuer's	name				2 Issuer's employer identification number (EIN)
					00 0070450
Avinger, Inc	contact for ad	ditional information	20-8873453 5 Email address of contact		
3 Ivanie oi	CONTACT IOI au	anona momanon			
Investor Rel	ations			+1 (650) 241-7916	ir@avinger.com
6 Number and street (or P.O. box if mail is not deliv					7 City, town, or post office, state, and ZIP code of contact
400 Chesape					Redwood City, CA 94063
8 Date of a	action		9 Class	ification and description	
				Charas	
January 30,		11 Serial number(Commor	12 Ticker symbol	13 Account number(s)
10 00011 11	amboi	- Corra Harrison	.~/	,	
0537	34208	N/A		NASDAQ: AVGR	N/A
Part II	Organizati	onal Action Attac	ch additional	statements if needed. S	See back of form for additional questions.
			applicable, the	date of the action or the da	ate against which shareholders' ownership is measured for
the act	ion ► See Att	achment.			
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15 Describ	oe the quantita	tive effect of the orga	anizational act	ion on the basis of the secu	urity in the hands of a U.S. taxpayer as an adjustment per
		age of old basis ► S			
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				data that amanasta the color	ulation, such as the market values of securities and the
			basis and the	data that supports the calcu	ulation, such as the market values of securities and the
valuati	on dates ► See	e Attachment.			

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MANAGEMENT AND ADDRESS OF THE PARTY NAMED IN	rt II		rganizational Action (continued)					
17				See Attachment.				

18	Can	n anv	resulting loss be recognized? ► See Attachment.					
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19	Pro	vide a	any other information necessary to implement the adjustment, such as the reportable tax year ▶ See Attac	cnment.				
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-		Under	penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and	d to the best of my knowledge and				
	- 1	belief,	tit is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer	has any knowledge.				
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	e O	101	Firm's name ► Dorsey & Whitney LLP	rm's EIN ▶ 41-0223337				
		- 1	Firm's address ► Columbia Center, 701 Fifth Avenue, Suite 6100, Seattle, WA 98104	none no. (206) 903-8793				
Sen	d For	m 89	37 (including accompanying statements) to: Department of the Treasury, Internal Revenue Service, Ogden	, UT 84201-0054				

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Avinger, Inc.

Attachment to Form 8937-Part II

Report of Organizational Actions Affecting Basis of Securities (The Consolidation)

Consult your tax advisor: The information contained herein is being provided pursuant to the requirements of Section 6045B of the Internal Revenue Code of 1986, as amended (the "Code"), and includes a general summary regarding the application of certain U.S. federal income tax laws and regulations relating to the effects of the Consolidation (as defined below) on the tax basis of common shares in Avinger, Inc. ("Avinger") in the hands of holders of common shares of Avinger stock who are U.S. taxpayers and who received such common shares pursuant to the Consolidation ("U.S. Shareholders"). This discussion does not constitute tax advice and does not purport to be complete or to describe the consequences that may apply to particular categories of shareholders. Avinger does not provide tax advice to its shareholders. You are urged to consult your own tax advisors regarding the particular consequences of the Consolidation to you, including the applicability and effect of all U.S. federal, state and local tax laws and foreign tax laws.

For additional information, please read the Press Release of Avinger dated as of January 30, 2018 (the "Release"), which is available on EDGAR at www.sec.gov.

Item 14. Description of organizational action

On January 30, 2018, Avinger undertook a reverse stock split (share consolidation) whereby it consolidated every forty (40) existing common shares into one (1) new common share (the "Consolidation"). No shareholders received a fractional common share, with cash paid to Avinger shareholders in lieu of any fractional Avinger common shares resulting from the Consolidation.

U.S. Shareholders should review the Release and consult with their own tax advisors regarding the tax consequences of the Consolidation to them in light of their own particular circumstances.

Part II Item 15. Description of the quantitative effect of the organizational action on the basis of the security in the hands of a U.S. taxpayer

Avinger believes that the exchange by the Avinger shareholders of the existing common shares for new common shares was treated for U.S. federal income tax purposes as a tax-deferred exchange either under Code Section 1036 or Code Section 368(a)(1)(E). Provided the Consolidation qualified as a tax-deferred exchange, either under Code Section 1036 or Code Section 368(a)(1)(E), an Avinger shareholder should have the same tax basis and holding period in such shareholder's post-Consolidation Avinger common shares as such shareholder had in its pre-Consolidation Avinger common shares exchanged therefor pursuant to the Consolidation, as adjusted for any cash received in lieu of a fractional common share. However, Avinger shareholders will be required to allocate the aggregate tax basis of each block of their Avinger common shares held immediately prior to the Consolidation among the Avinger common shares

held immediately after the Consolidation, as adjusted for any cash received in lieu of a fractional common share, such that the per-share tax basis in each post-Consolidation Avinger common share is equal to 4000% of the tax basis in a pre-Consolidation Avinger common share, as adjusted for any cash received in lieu of a fractional common share.

An Avinger shareholder that received cash in lieu of a fractional Avinger common share should be treated as having received such fractional Avinger common share and then as having exchanged such fractional Avinger common share for cash in redemption by Avinger. The amount of any gain or loss recognized as a result of such exchange will be equal to the difference between the ratable portion of the shareholder's tax basis in the existing Avinger common shares allocated to such fractional Avinger common share and the cash received in lieu thereof. This will result in the utilization of such allocable tax basis and will have the effect of reducing the aggregate tax basis that the shareholder has in the Avinger common shares held following the Consolidation.

If an Avinger shareholder held different blocks of Avinger common shares (i.e., Avinger common shares acquired at different times or different prices) at the time of the Consolidation, such holder should consult its own tax advisor with respect to the determination of the tax bases of particular Avinger common shares held following the Consolidation.

Part II Item 16. Description of the calculation of the change in basis

While the per-share tax basis is impacted, the tax basis of each shareholder's total investment remains the same. The post-Consolidation per-share tax basis is equal to the pre-Consolidation aggregate tax basis in each forty (40) Avinger common shares held, as adjusted for any cash received in lieu of a fractional common share. This results in an increased per-share basis for the fewer number of Avinger common shares held, as adjusted for any cash received in lieu of a fractional common share.

Part II Item 17. (list of applicable Code sections)

Avinger believes that the Consolidation will likely be treated as a tax-deferred exchange by Avinger shareholders of their existing Avinger common shares for post-Consolidation Avinger common shares, either under Code Section 1036 or Code Section 368(a)(1)(E).

Provided the Consolidation is so treated, the U.S. federal income tax consequences for U.S. Shareholders should be determined under Code Sections 302, 354, 358, 368(a)(1)(E), 1001, 1036 and 1223.

Part II Item 18. (recognition of loss)

Avinger believes that the Consolidation will likely be treated as a tax-deferred exchange by Avinger shareholders of their existing Avinger common shares for post-Consolidation Avinger common shares, either under Code Section 1036 or Code Section 368(a)(1)(E).

Provided the Consolidation is so treated, each U.S. Shareholder should generally not recognize any loss pursuant to the Consolidation. However, a U.S. Shareholder that is deemed to receive cash in lieu of a fractional Avinger common share may recognize loss pursuant to the Consolidation to the extent such shareholder's tax basis in the fractional Avinger common share surrendered exceeds the consideration received in exchange therefor.

Part II Item 19. (other information)

The Consolidation was effective on January 30, 2018. For a U.S. Shareholder which participated in the Consolidation whose taxable year is a calendar year, the reportable tax year is 2018.