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FORM 4

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

OMB APPROVAL

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OMB Number:	3235-0287
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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

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 Address of Reporting Person*						2. Issuer Name and Ticker or Trading Symbol <u>AtriCure, Inc.</u> [ATRC]								5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
Lanning Mark R								L	- 1					Х	Director	r		10% O	wner
(Last) (First) (Middle)							3. Date of Earliest Transaction (Month/Day/Year) 05/25/2016								Officer below)	(give title		Other (below)	specify
21086 S	T. MARY'S	ROAD, PO BO	X #1																
						4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable					
(Street)														Line)	Line) X Form filed by One Reporting Person				
OLDEN	BERG II	N	47036											Form filed by More than One Reporti					
					-										Person				iting
(City)	(5	State)	(Zip)																
		Tal	ble I - Noi	n-Deriv	vativ	ve Se	curitie	s Ac	quired,	Dis	posed o	f, or Be	enefic	cially	Owned				
Date				ith/Day/Year) i		2A. Deemed Execution Date, if any (Month/Day/Year		e, Transaction Disposed Code (Instr. 5)			ties Acquir Of (D) (In:			Securitie Beneficia	5. Amount of Securities Beneficially Owned Following Benorted		vnership : Direct r Indirect str. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
						l		Code	v	Amount	unt (A) or F		ice	Transact	saction(s) r. 3 and 4)			(11501 4)	
			Table II -						,		osed of, convertil				Owned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution I if any (Month/Day	Date, T	Code (Instr.				6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and An of Securities Underlying Derivative Sec (Instr. 3 and 4)			8. Price of Derivative Security (Instr. 5)	9. Number derivative Securitie Beneficia Owned Following Reported Transacti (Instr. 4)	e s Illy)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				F					Date		Expiration		Amo or Nun	ount nber					

Explanation of Responses:

\$14.99

1. Exercisable cumulatively at a rate of 33.33% per annum commencing on the earlier of (i) the anniversary of the date of grant and (ii) the date on which the Company's annual meeting of stockholders is held that year, provided the Reporting Person is a director immediately prior to such annual meeting.

(D) Exercisable

05/25/2017⁽¹⁾

Date

05/25/2026

Title

Common Stock

2. Not applicable **Remarks:**

Stock Option (right to

buy)

/s/ M. Andrew Wade as

Shares

10,000

(2)

10,000

D

05/26/2016 Attorney-In-Fact for Mark R. Lanning

** 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 4 (b)(v).

05/25/2016

** 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.

Code ٧

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(A)

10,000

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.