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Form 4	2.										
May 15, 2014	4										
FORM	4 UNITED	STATES S	ECURITIES A Washington,	ND EXCHANGE	COMMISSION	OMB	3235-0287				
Check thi			Number: Expires:	January 31,							
if no long subject to Section 10 Form 4 or Form 5	6.	WNERSHIP OF	Estimated a burden hou response	irs per							
Form 5 obligations may continue. See Instruction 1(b). 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 R	Responses)										
1. Name and A Hooven Mic	ddress of Reporting hael D	S	2. Issuer Name and ymbol AtriCure, Inc. [A	C C	5. Relationship of Reporting Person(s) to Issuer						
(Last) (First) (Middle)			. Date of Earliest Tr	-	(Check all applicable)						
(Month/Day/Year) 5/14/2014		X_ Director10% Owner Officer (give titleOther (specify below) below)						
	(Street)		. If Amendment, Da iled(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 						
CINCINNA	TI, OH 45241				Person	whole than one its	porting				
(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned											
	2. Transaction Date (Month/Day/Year)		Code Year) (Instr. 8)	4. Securities hAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or	Securities Beneficially Owned	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)				
			Code V	Amount (D) Price							
Reminder: Repo	ort on a separate line	for each class	s of securities benef	Persons who res information cont required to respo	ially 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 SEC 1474 (9-02)						

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5. Number of	6. Date Exercisable and	7. Title and Amount o
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	Derivative	Expiration Date	Underlying Securities
Security	or Exercise		any	Code	Securities	(Month/Day/Year)	(Instr. 3 and 4)
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired (A)		

	Derivative Security				or Dispose (D) (Instr. 3, 4, and 5)					
			Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock Option (right to buy)	\$ 15.96	05/14/2014	A		10,000		05/14/2015 <u>(1)</u>	05/14/2024	Common Stock	10,000

Reporting Owners

Reporting Owner Name / Address					
	Director	10% Owner	Officer	Other	
Hooven Michael D 7778 BENNINGTON DRIVE CINCINNATI, OH 45241	Х				
Signatures					
/s/ M. Andrew Wade as Attorn	ey-In-Fac	t for Michae	lD.		05/1

Hooven

**Signature of Reporting Person

05/15/2014

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).

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 (1) 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.
- (2) Not applicable

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.