Kennedy Patricia J Form 4 January 04, 2013

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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OMB APPROVAL

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Kennedy Patricia J

2. Issuer Name and Ticker or Trading Symbol

Issuer

AtriCure, Inc. [ATRC]

(Check all applicable)

(First) (Middle) (Last) 3. Date of Earliest Transaction

(Zip)

(Month/Day/Year) 12/27/2012

Director 10% Owner X_ Officer (give title Other (specify

5. Relationship of Reporting Person(s) to

below)

below) VP, GM, International

(Street) 4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

A

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

Person

WEST CHESTER, OH 45069

(State)

(City)

6217 CENTRE PARK DRIVE

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

3. 4. Securities Acquired Transaction(A) or Disposed of Code (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially (D) or Owned Following (Instr. 4) Reported

6. Ownership 7. Nature of Form: Direct Indirect Beneficial Indirect (I) Ownership (Instr. 4)

(9-02)

(A) Amount (D) Price

Transaction(s) (Instr. 3 and 4)

Common 12/27/2012 Stock

\$0 15,000 31,270 (1)

D

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

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

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisab Expiration Date (Month/Day/Year		7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock Option (right to	\$ 6.73	12/27/2012		A	60,000	12/27/2013(2)	12/27/2022	Common Stock	60,000

Dalatianahir

Reporting Owners

Reporting Owner Name / Address	Keiauonsnips						
	Director	10% Owner	Officer	Other			
IZ 1 D I							

Kennedy Patricia J 6217 CENTRE PARK DRIVE WEST CHESTER, OH 45069

VP, GM, International

Signatures

buy)

/s/ Jeanette Yacucci as attorney-in-fact for Patricia J.
Kennedy
01/04/2013

**Signature of Reporting Person 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).
- The Reporting Person acquired these shares pursuant to a Restricted Stock Award under the AtriCure, Inc. 2005 Equity Incentive Plan. The shares will vest 25% annually over four years from date of grant.
- (2) The option vests and is exercisable as to 25% of the shares one year from the date of grant, and the remaining 75% thereafter vests and is exercisable in equal monthly installments on the same day of the month over the following three years.
- (3) 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.

Reporting Owners 2