AtriCure, Inc. Form 4 April 27, 2007

FORM 4

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

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response...

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Section 16. Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

subject to

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

SECURITIES

1(b).

DRIVE

(City)

(Instr. 3)

(Print or Type Responses)

1. Name and Address of Reporting Person * Privitera Salvatore

2. Issuer Name and Ticker or Trading Symbol

AtriCure, Inc. [ATRC]

(First) (Last)

6033 SCHUMACHER PARK

3. Date of Earliest Transaction

(Month/Day/Year) 04/25/2007

Director

Issuer

10% Owner Other (specify

X_ Officer (give title below)

(Street)

(State)

(Middle)

(Zip)

4. If Amendment, Date Original

Filed(Month/Day/Year)

VP, Business Dev. & Research 6. Individual or Joint/Group Filing(Check

5. Relationship of Reporting Person(s) to

(Check all applicable)

Applicable Line)

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

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

WEST CHESTER, OH 45069

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

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

5. Amount of Securities Beneficially Owned Following Reported

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

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

(A)

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)

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3) Price of Derivative Security

(Month/Day/Year) (Instr. 8) Acquired (A)

or Disposed of (D)

(Instr. 3, 4, and 5)

Code V

(A) (D) Date Exercisable Expiration

Expiration Title

Date

Amount or Number

of Share

Stock

Option (Right to

Buy)

\$ 11.38 04/25/2007

A 13,948

04/25/2008(1) 04/25/2017

Common Stock

tock 13,948

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer

Other

Privitera Salvatore 6033 SCHUMACHER PARK DRIVE WEST CHESTER, OH 45069

VP, Business Dev. & Research

Signatures

/s/ Salvatore Privitera

04/27/2007

**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 option vests and is exercisable as to 25% of the shares on April 25, 2008 (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.
- (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.

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