

Shaffer Maureen
Form 3
February 16, 2007

FORM 3

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

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF
SECURITIES**

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 Responses)

1. Name and Address of Reporting
Person *

Â Shaffer Maureen

(Last) (First) (Middle)

6033 SCHUMACHER PARK
DRIVE

(Street)

WEST CHESTER,Â OHÂ 45069

(City) (State) (Zip)

2. Date of Event Requiring
Statement

(Month/Day/Year)

02/08/2007

3. Issuer Name **and** Ticker or Trading Symbol
AtriCure, Inc. [ATRC]

4. Relationship of Reporting
Person(s) to Issuer

5. If Amendment, Date Original
Filed(Month/Day/Year)

(Check all applicable)

____ Director ____ 10% Owner
__X__ Officer ____ Other
(give title below) (specify below)
Vice President, Marketing

6. Individual or Joint/Group
Filing(Check Applicable Line)
__X__ Form filed by One Reporting
Person
____ Form filed by More than One
Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1.Title of Security
(Instr. 4)

2. Amount of Securities
Beneficially Owned
(Instr. 4)

3. Ownership
Form:
Direct (D)
or Indirect
(I)
(Instr. 5)

4. Nature of Indirect Beneficial
Ownership
(Instr. 5)

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

SEC 1473 (7-02)

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information contained in this form are not
required to respond unless the form displays a
currently valid OMB control number.**

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

1. Title of Derivative
Security
(Instr. 4)

2. Date Exercisable and
Expiration Date
(Month/Day/Year)

Date Exercisable Expiration
Date

3. Title and Amount of
Securities Underlying
Derivative Security
(Instr. 4)

Title Amount or
Number of
Shares

4. Conversion
or Exercise
Price of
Derivative
Security

5. Ownership
Form of
Derivative
Security:
Direct (D)
or Indirect
(I)

6. Nature of Indirect
Beneficial
Ownership
(Instr. 5)

(Instr. 5)

Stock Option (Right to Buy)	10/06/2005 ⁽¹⁾	10/06/2014	Common Stock	3,947	\$ 3.23	D	Â
Stock Option (Right to Buy)	12/07/2006 ⁽²⁾	12/07/2015	Common Stock	5,000	\$ 13.18	D	Â
Stock Option (Right to Buy)	09/06/2007 ⁽³⁾	09/06/2016	Common Stock	11,053	\$ 6.34	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Shaffer Maureen 6033 SCHUMACHER PARK DRIVE WEST CHESTER, OH 45069	Â	Â	Â Vice President, Marketing	Â

Signatures

/s/ Maureen A. Shaffer 02/16/2007

__Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(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).
- (1) Exercisable cumulatively at a rate of 25% per annum commencing on October 6, 2005 (one year from the date of grant).
- (2) The option vests and is exercisable as to 25% of the shares on December 7, 2006 (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) The option vests and is exercisable as to 25% of the shares on September 6, 2007 (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.

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.