

Cambridge Stephen S
 Form 3
 November 10, 2005

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 * | | 2. Date of Event Requiring Statement | 3. Issuer Name and Ticker or Trading Symbol | |
| Â Cambridge Stephen S | | (Month/Day/Year) | AtriCure, Inc. [ATRC] | |
| (Last) | (First) | (Middle) | 11/01/2005 | |
| 6033 SCHUMACHER PARK DRIVE | | | 4. Relationship of Reporting Person(s) to Issuer | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| (Street) | | | (Check all applicable) | |
| WEST CHESTER, Â OH Â 45069 | | | <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner | 6. Individual or Joint/Group Filing(Check Applicable Line) |
| (City) | (State) | (Zip) | <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
| | | | (give title below) (specify below) | <input type="checkbox"/> Form filed by More than One Reporting Person |
| | | | Vice President; Sales | |

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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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) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 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) |
| | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |

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(Instr. 5)

| | | | | | | | |
|-----------------------------|---------------------------|------------|--------------|--------|---------|---|---|
| Stock Option (Right to Buy) | 01/27/2003 ⁽¹⁾ | 01/27/2012 | Common Stock | 2,631 | \$ 3.8 | D | Â |
| Stock Option (Right to Buy) | 08/09/2003 ⁽²⁾ | 08/09/2012 | Common Stock | 13,157 | \$ 1.33 | D | Â |
| Stock Option (Right to Buy) | 02/05/2004 ⁽³⁾ | 02/05/2013 | Common Stock | 2,631 | \$ 1.52 | D | Â |
| Stock Option (Right to Buy) | 04/01/2004 ⁽⁴⁾ | 04/01/2013 | Common Stock | 2,631 | \$ 1.52 | D | Â |
| Stock Option (Right to Buy) | 12/09/2005 ⁽⁵⁾ | 12/09/2014 | Common Stock | 1,315 | \$ 3.23 | D | Â |
| Stock Option (Right to Buy) | 08/05/2006 ⁽⁶⁾ | 08/05/2015 | Common Stock | 2,631 | \$ 12 | D | Â |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|-------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Cambridge Stephen S 6033 SCHUMACHER PARK DRIVE WEST CHESTER, OH 45069 | Â | Â | Â Vice President; Sales | Â |

Signatures

/s/ Thomas J. Etergino as Attorney-in-Fact for Stephen S.
Cambridge

11/09/2005

**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 January 27, 2003 (one year from the date of grant).

(2) Exercisable cumulatively at a rate of 25% per annum commencing on August 9, 2003 (one year from the date of grant).

(3) Exercisable cumulatively at a rate of 25% per annum commencing on February 5, 2004 (one year from the date of grant).

(4) Exercisable cumulatively at a rate of 25% per annum commencing on April 1, 2004 (one year from the date of grant).

(5) Exercisable cumulatively at a rate of 25% per annum commencing on December 9, 2005 (one year from the date of grant).

(6) Exercisable cumulatively at a rate of 25% per annum commencing on August 5, 2006 (one year from the date of grant).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure.

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