

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 OHÂ 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)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

**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.**

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

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.