FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to
Section 16. Form 4 or Form 5
obligations may continue. See
Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden

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Estimated average burden	

In Nume and Address of Reputing Ferson JOHNSTON RICHARD M (Last) (First) (Middle) 500 EAST PRATT STREET SUITE 1200			2. Issuer Name and Ticker or Trading Symbol AtriCure, Inc. [ATRC]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
		L		X	Director	10% Owner		
		(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 03/08/2011		Officer (give title below)	Other (specify below)		
			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line)	vidual or Joint/Group Filing (Check Applicable			
(Street)				X	Form filed by One Rep	orting Person		
BATIMORE	MD	21202			Form filed by More tha Person	n One Reporting		
(City)	(State)	(Zip)						

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

1. Title of Security (Instr. 3) 2. Transaction 2A. Deemed 3. 4. Securities Acquired (A) or 5. Amount of 6. Ownership 7. Nature of										
1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	ZA. Deemed Execution Date, if any (Month/Day/Year)	3. Transa Code (8)		4. Securities Disposed Of	Acquired (D) (Insti	1 (A) or . 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	03/08/2011		S		2,656	D	\$10.0568 ⁽¹⁾	868,605	I	Held by Camden Partners Strategic Fund II- A, LP ⁽³⁾
Common Stock	03/08/2011		S		158	D	\$10.0568 ⁽²⁾	51,527	I	Held by Camden Partners Strategic Fund II- B, LP ⁽⁴⁾
Common Stock								11,658	I	Held by Camden Partners Holdings, LLC ⁽⁵⁾

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

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. Transa Code (8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) A. Date Exercisable and Expiration Date (Month/Day/Year) Securities (Month/Day/Year)		7. Title Amour Securi Underl Deriva Securi and 4)	nt of ties ying tive ty (Instr. 3	Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	Ownership Form: Direct (D)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

1. Prices range from \$10.05 per share to \$10.07 per share. The reporting person undertakes to provide full pricing information if requested by the Securities and Exchange Commission, the Issuer or a security holder of the Issuer.

2. Prices range from \$10.05 per share to \$10.07 per share. The reporting person undertakes to provide full pricing information if requested by the Securities and Exchange Commission, the Issuer or a security holder of the Issuer.

3. Mr. Johnston is a managing member of Camden Partners Holdings, LLC, which provides investment and management advisory services to Camden Partners Strategic Fund II-A, LP. Mr. Johnston disclaims beneficial ownership of the securities held by this entity, except as to his pecuniary interest therein.

4. Mr. Johnston is a managing member of Camden Partners Holdings, LLC, which provides investment and management advisory services to Camden Partners Strategic Fund II-B, LP. Mr. Johnston disclaims beneficial ownership of the securities held by this entity, except as to his pecuniary interest therein.

5. Mr. Johnston is a managing member of Camden Partners Holdings, LLC. Mr. Johnston disclaims beneficial ownership of the securities held by this entity, except as to his pecuniary interest therein.

/s/ Julie A. Piton as Attorney-

in-Fact for Richard M.

03/09/2011

<u>Johnston</u>

** Signature of Reporting Person Date

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

* 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).

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

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 Number.