ROBARDS KAREN P

Form 4

February 24, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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OMB APPROVAL

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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 See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

may continue.

1. Name and Address of Reporting Person ** ROBARDS KAREN P			Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			AtriCure, Inc. [ATRC]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction			
			(Month/Day/Year)	X Director 10% Owner		
173 RIVERSIDE DRIVE			02/22/2011	Delow) Officer (give title below) Other (specify below)		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
NEW YORK, NY 10024				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)		d of (D)	5. Amount of Securities Form: Direct Beneficially (D) or Owned Indirect (I) Following (Instr. 4) Reported		7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)			
Common Stock	02/22/2011		M	3,947	A	\$ 0.57	298,575	D		
Common Stock	02/22/2011		S	1,090	D	\$ 10.82	297,485	D		
Common Stock	02/22/2011		S	400	D	\$ 10.83	297,085	D		
Common Stock	02/22/2011		S	607	D	\$ 10.85	296,478	D		
Common Stock	02/22/2011		S	1,850	D	\$ 10.93	294,628	D		

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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 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. 5. Number Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	ŕ	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 0.57	02/22/2011		M	3,947	03/29/2001(1)	03/29/2011	Common Stock	3,947

Reporting Owners

Reporting Owner Name / Address	Relationships						
1	Director	10% Owner	Officer	Other			
ROBARDS KAREN P 173 RIVERSIDE DRIVE NEW YORK, NY 10024	X						

Signatures

/s/ Karen P Robards

02/22/2011

**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).
- (1) Ms. Robards was granted 3,947 stock options on March 29, 2001, exercisable cumulatively at a rate of 50% on March 29,2001 and 50% on March 29, 2002 (one year from 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.

Reporting Owners 2