FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPRO	DVAL							
OMB Number:	3235-0287							
Estimated average burden								
hours per response:	0.5							

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

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

1. Name and Address of Reporting Person* ROBARDS KAREN P						2. Issuer Name and Ticker or Trading Symbol AtriCure, Inc. [ATRC]									all applicable)			
(Last) (First) (Middle) 173 RIVERSIDE DRIVE					3. Date of Earliest Transaction (Month/Day/Year) 12/12/2008									Offic	er (give title	Other	(specify	
(Street) NEW YORK NY 10024 (City) (State) (Zip)						4. If Amendment, Date of Original Filed (Month/Day/Year)									Individual or Joint/Group Filing (Check Applicable ne) X Form filed by One Reporting Person Form filed by More than One Reporting Person			
	Tabl	e I - Nor	n-Deriv	ative	Sec	curitie	s Acc	quired,	Dis	posed o	f, or	Bene	ficia	lly Own	ed			
Date						Execution f any	n Date,	Code (Transaction Disposed Code (Instr. 5)					nd Secur Bene Owne	rities ficially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership	
							v	Amount	(<i>A</i>	A) or D)	Price	Trans	action(s)		(Instr. 4)			
Stock	2/2008	′2008		P		6,000 A		\$2.2	28 2	26,499	D							
	Та													/ Owned	I			
Conversion Date Execution Date,		Transa Code (8)	Transaction of Code (Instr. B) S A (F		rative rities iired r osed) . 3, 4	Expiration (Month/D	Expiration Date (Month/Day/Year)			Amoun		8. Price of Derivative Security (Instr. 5)	derivative Securities Beneficially Owned Following Reported	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)			
	(Fi ERSIDE DI ORK N (S) Security (Inst Stock	(First) (ERSIDE DRIVE DRK NY (State) (Table Security (Instr. 3) Stock 2. Conversion or Exercise Price of Derivative (Month/Day/Year)	(First) (Middle) ERSIDE DRIVE DRK NY 10024 (State) (Zip) Table I - Nor Security (Instr. 3) Stock Table II - I (Conversion or Exercise Price of Derivative (Month/Day/Year) (Month/Day) [Stock of Derivative (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year)	(First) (Middle) ERSIDE DRIVE DRK NY 10024 (State) (Zip) Table I - Non-Derive Security (Instr. 3) 2. Transe Date (Month/Instr. 3) Table II - Derivate (e.g., ptoper of Derivative (Month/Day/Year) 2. Transection Date (Month/Day/Year) 2. Transection Date (Month/Day/Year) (Month/Day/Year)	RDS KAREN P (First) (Middle) ERSIDE DRIVE Table I - Non-Derivative Security (Instr. 3) Table II - Derivative S (e.g., puts, concerning or Exercise Price of Derivative Security 2. Transaction Date (Month/Day/Year) 3. 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[ATRC] (Check all applicable) X Director 10% (Officer (give title below) Officer (give title below) Officer (give title below) At if Amendment, Date of Original Filed (Month/Day/Year) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Security (Instr. 3) Date (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Stock 12/12/2008	

Explanation of Responses:

/s/ Karen P. Robards

12/15/2008

** 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.