August 18, 2	005								
FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION						N O	OMB APPROVAL		
Washington, D.C. 20549							OMB Numb	oer: 323	5-0104
INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF							Expire	es: Janu	ary 31, 2005
		on 17(a) of	<b>SECUE</b> t to Section 16(a) of th the Public Utility Hol 0(h) of the Investment	ne Securities E ding Company	y Act of 193		burde respo	ated average in hours per inse	
(Print or Type F	Responses)								
1. Name and Address of Reporting Person <u>*</u> Walsh Richard S			Statement (Month/Day/Year)	<sup>g</sup> 3. Issuer Name <b>and</b> Ticker or Trading Symbol AtriCure, Inc. [ATRC]					
(Last)	(First)	(Middle)	08/04/2005		4. Relationship of Reporting Person(s) to Issuer		5. If Amendment, Date Original Filed(Month/Day/Year)		
6033 SCHUMACHER PARK DRIVE				(Check all applicable)			× ·	. ,	
	(Street)			Director X Officer		r Fili	ing(Check	or Joint/Group Applicable Line I by One Report	)
WEST CHE	STER, (	OHÂ 45069			President; Sales	Pers	son	by More than C	-
(City)	(State)	(Zip)	Table I -	- Non-Deriva	tive Securit	ies Benefi	icially O	wned	
1.Title of Security (Instr. 4)		2. Amount of Securities Beneficially Owned (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	(Instr. 5) D) ect				
Reminder: Repower owned directly	-		ach class of securities bene	ficially	SEC 1473 (7-02	2)			
	infor requi	mation contained to respond	pond to the collection ained in this form are n and unless the form dis MB control number.	ot					
Т	able II - De	erivative Secu	rities Beneficially Owned	(e.g., puts, calls	, warrants, op	tions, conve	ertible sec	urities)	
1. Title of Deri Security (Instr. 4)	vative	2. Date Ex Expiration (Month/Day/Ye	Date Se	Title and Amoun curities Underlyi crivative Security	ng Conv	5. ersion Ow ercise For	vnership m of	6. Nature of I Beneficial Ownership	ndirect

AtriCure, Inc. Form 3

- Date Exercisable Expiration Date
- Derivative Security (Instr. 4) Amount or Number of Shares

Title

- or Exercise Form of Derivative Price of Security: Derivative Direct (D) Security or Indirect (I)
- Ownership (Instr. 5)

						(Instr. 5)	
Stock Option (Right to Buy)	08/04/2005 <u>(1)</u>	08/04/2014	Common Stock	18,421	\$ 2.66	D	Â

## **Reporting Owners**

Relationships					
Director 10% Owner		Officer	Other		
Â	Â	Vice President; Sales	Â		
/s/ Thomas J. Etergino as Attorney-in-Fact for Richard S. 08/15/2005 Walsh					
		Date			
	Â	Director 10% Owner Â	Director 10% Owner Officer President; Sales		

## **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 August 4, 2005 (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.