FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF **SECURITIES**

OMB APPROVAL							
OMB Number:	3235-0104						
Estimated average burden							
hours per response	: 0.5						

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* <u>KAGANOV ALAN L</u>			2. Date of Even Requiring State (Month/Day/Yea 08/05/2005	ment	3. Issuer Name and Ticker or Trading Symbol AtriCure, Inc. [ATRC]							
(Last) (First) (Middle) 2735 SAND HILL ROAD		33,33,200		Relationship of Reporting Pers (Check all applicable) X Director Officer (give title		n(s) to Issuer 10% Owne Other (spec	r (Mor	5. If Amendment, Date of Original Filed (Month/Day/Year) 08/05/2005				
(Street) MENLO PARK	CA	94025	-		below)		below)	6. In Appl	6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)										
Table I - Non-Derivative Securities Beneficially Owned												
1. Title of Security (Instr. 4)						ally Owned (Instr. 4)	3. Ownershi Form: Direct or Indirect ((Instr. 5)	t (D) (Instr	4. Nature of Indirect Beneficial Ownership (Instr. 5)			
Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)												
Expirati			2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Inst			4. Conversion or Exercise Price of	5. Ownership Form: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)		
			Date Exercisable	Expiration Date	on Title		Amount or Number of Shares	Derivative Security	or Indirect (I) (Instr. 5)			
Stock Option ((Right to Buy)		08/05/2006 ⁽¹⁾	08/05/2015		Common Stock	10,000(2)	12	D			

Explanation of Responses:

- 1. Exercisable cumulatively at a rate of 25% per annum commencing on August 5, 2006 (one year from the date of grant.)
- 2. These shares were omitted from the reporting person's original Form 3.

Remarks:

Michael P. Maher, Attorney-in-01/25/2006 fact for Alan Kaganov

** 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 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).

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.