

AtriCure, Inc.  
Form 3  
August 18, 2005

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

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  
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

|   |         |                                      |  |  |
|---|---------|--------------------------------------|--|--|
| 1. Name and Address of Reporting Person * |         | 2. Date of Event Requiring Statement | 3. Issuer Name <b>and</b> Ticker or Trading Symbol |  |
| Â Hooven Michael D                        |         | (Month/Day/Year)                     | AtriCure, Inc. [ATRC]                              |  |
| (Last)                                    | (First) | (Middle)                             | 08/04/2005   |  |
| 6033 SCHUMACHER PARK DRIVE                |         |                                      | 4. Relationship of Reporting Person(s) to Issuer   | 5. If Amendment, Date Original Filed(Month/Day/Year)                   |
| (Street)                                  |         |                                      | (Check all applicable)                             |  |
| WEST CHESTER,Â OHÂ 45069                  |         |                                      | <input checked="" type="checkbox"/> Director       | <input type="checkbox"/> 10% Owner                                     |
| (City)                                    | (State) | (Zip)                                | <input checked="" type="checkbox"/> Officer        | <input type="checkbox"/> Other   |
|   |         |                                      | (give title below)                                 | (specify below)  |
|   |         |                                      | Chief Technology Officer                           |  |
|   |         |                                      |  | 6. Individual or Joint/Group Filing(Check Applicable Line)             |
|   |         |                                      |  | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
|   |         |                                      |  | <input type="checkbox"/> Form filed by More than One Reporting Person  |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5)           |
|---------------------------------|---|--|---|
| Common Stock                    | 10,903  | D  | Â   |
| Common Stock                    | 334,211   | I  | Held by Michael D. Hooven 2004 Trust FBO Michael <sup>(1)</sup> |
| Common Stock                    | 334,211   | I  | Held by Michael D. Hooven 2004 Trust FBO Susan <sup>(2)</sup>   |
| Common Stock                    | 18,421  | I  | Held by Susan Spies 2004 Children's Trust <sup>(3)</sup>        |

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

SEC 1473 (7-02)

**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 control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security<br>(Instr. 4) | 2. Date Exercisable and Expiration Date<br>(Month/Day/Year) |                 | 3. Title and Amount of Securities Underlying Derivative Security<br>(Instr. 4) |                            | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) or Indirect (I)<br>(Instr. 5) | 6. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|---|---|-----------------|--|----------------------------|--|--|--|
|   | Date Exercisable  | Expiration Date | Title  | Amount or Number of Shares |  |  |  |
| Employee Stock Options                        | 03/29/2002 <sup>(4)</sup>                                   | 03/29/2011      | Common Stock   | 52,631                     | \$ 0.627   | D  | Â  |
| Employee Stock Options                        | 08/09/2003 <sup>(5)</sup>                                   | 08/09/2012      | Common Stock   | 39,473                     | \$ 1.33  | D  | Â  |
| Employee Stock Options                        | 03/29/2002 <sup>(6)</sup>                                   | 03/29/2011      | Common Stock   | 13,157                     | \$ 0.627   | I  | By Wife <sup>(6)</sup>                                   |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |                            |       |
|--|---------------|-----------|----------------------------|-------|
|  | Director      | 10% Owner | Officer                    | Other |
| Hooven Michael D<br>6033 SCHUMACHER PARK DRIVE<br>WEST CHESTER, OH 45069 | Â X           | Â         | Â Chief Technology Officer | Â     |

## Signatures

/s/ Thomas J. Etergino as Attorney-in-Fact for Michael D. Hooven

08/15/2005

\_\_Signature of Reporting Person

Date

## 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) Mr. Hooven disclaims beneficial ownership of these securities.
  - (2) Held in trust for the benefit of reporting person's spouse. Reporting person's spouse is the trustee of that trust and disclaims beneficial ownership of these securities.
  - (3) Held in trust for the benefit of reporting person's son. Reporting person is the trustee of that trust and disclaims beneficial ownership of these securities.
  - (4) Exercisable cumulatively at a rate of 25% per annum commencing on March 29, 2002 (one year from the date of grant).
  - (5) Exercisable cumulatively at a rate of 25% per annum commencing on August 9, 2003 (one year from the date of grant).
  - (6) Exercisable cumulatively at a rate of 25% per annum commencing on March 29, 2002 (one year from the date of grant). Mr. Hooven disclaims beneficial ownership of these securities.

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.