

FIRESTONE LAWRENCE  
Form 3  
November 14, 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 FIRESTONE LAWRENCE                      |         | (Month/Day/Year)                     | AMTECH SYSTEMS INC [ASYS]                                  |  |
| (Last)                                    | (First) | (Middle)                             | 4. Relationship of Reporting Person(s) to Issuer           | 5. If Amendment, Date Original Filed(Month/Day/Year) |
|   |         | 10/27/2005                           |  |  |
| C/O APPLIED FILMS                         |         |                                      | (Check all applicable)                                     |  |
| CORP,Â 9586 I-25 FRONTAGE                 |         |                                      | ___X___ Director    ___ 10% Owner                          |  |
| ROAD                                      |         |                                      | ___ Officer    ___ Other                                   |  |
| (Street)                                  |         |                                      | (give title below)    (specify below)                      |  |
| LONGMONT,Â COÂ 80504                      |         |                                      | 6. Individual or Joint/Group Filing(Check Applicable Line) |  |
| (City)                                    | (State) | (Zip)                                | ___X___ Form filed by One Reporting Person                 |  |
|   |         |                                      | ___ Form filed by More than One Reporting Person           |  |

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

|                                    |  |   |  |
|------------------------------------|--|---|--|
| 1. Title of Security<br>(Instr. 4) | 2. Amount of Securities Beneficially Owned<br>(Instr. 4) | 3. Ownership Form:<br>Direct (D)<br>or Indirect (I)<br>(Instr. 5) | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|------------------------------------|--|---|--|

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) | 6. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|   | Date Exercisable    Expiration Date                         | Title                      Amount or Number of                                 |  |  |  |

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|  |                           |                           |  | Shares |         | or Indirect<br>(I)<br>(Instr. 5) |   |
|--|---------------------------|---------------------------|--|--------|---------|----------------------------------|---|
| Non-Employee Director<br>Stock Option <sup>(1)</sup> | 10/27/2006 <sup>(2)</sup> | 10/27/2015 <sup>(3)</sup> | Amtech<br>Systems,<br>Inc. \$.01<br>par value<br>common<br>stock | 6,000  | \$ 5.41 | D                                | ^ |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |              |         |       |
|---|---------------|--------------|---------|-------|
|   | Director      | 10%<br>Owner | Officer | Other |
| FIRESTONE LAWRENCE<br>C/O APPLIED FILMS CORP<br>9586 I-25 FRONTAGE ROAD<br>LONGMONT, CO 80504 | ^ X           | ^            | ^       | ^     |

## Signatures

Robert T. Hass, as Attorney-In-Fact for Lawrence  
Firestone

11/07/2005

\_\_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) Option to purchase Amtech Systems, Inc., \$.01 par value common stock.
- (2) One-third of the stock options granted vest on each of the first three anniversaries of the grant date.

Any unexercised stock options expire 90 days after membership on the Board of Directors terminate, except that the expiration is one (3) year from the date of termination if such termination is the result of death, or the Board of Directors exercises its discretion to the set another period for expiration at the time of termination.

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.