
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934

October 27, 2005
Date of Report (Date of earliest event reported)

Amtech Systems, Inc.

(Exact name of registrant as specified in its charter)

Arizona
(State or other jurisdiction
of incorporation)

000-11412
(Commission
File Number)

86-0411215
(IRS Employer
Identification No.)

131 South Clark Drive, Tempe, Arizona
(Address of principal executive offices)

85281
(Zip Code)

Registrant's telephone number, including area code (480) 967-5146

Not applicable.
(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions *see* General Instruction A.2. below):

- Written communications pursuant to Rule 425 under Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 5.02(d) Election of Directors

- (1) On October 27, 2005, the Board of Directors of Amtech Systems Inc. (the "Company") elected Lawrence D. Firestone as a Director of the Company.
- (2) There are no arrangements or understandings between Mr. Firestone and any other persons pursuant to which Mr. Firestone was selected as a Director.
- (3) Mr. Firestone has been appointed to serve on the Audit Committee of the Company's Board.
- (4) Mr. Firestone has not had any transactions with the Company or its subsidiaries that are required to be disclosed under Item 404(a) of Regulation S-K, nor have any such transactions been proposed.

Item 7.01 Regulation FD Disclosure

On October 31, 2005, the Company issued a press release regarding the election of Mr. Firestone to the Company's Board. A copy of the press release is attached hereto as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits.

(c) *Exhibits.*

The following exhibit is filed as part of this report:

<u>Exhibit Number</u>	<u>Description</u>
99.1	Press Release dated October 31, 2005, regarding the election of Lawrence D. Firestone as a Director of the Company and his appointment to serve on the Audit Committee.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

AMTECH SYSTEMS, INC.

Date: November 2, 2005

By: /s/ Robert T. Hass

Name: Robert T. Hass

Title: Vice President-Finance

EXHIBIT INDEX

Exhibit Number	Description
99.1	Press Release dated October 31, 2005, regarding the election of Lawrence D. Firestone as a Director of the Company and his appointment to serve on the Audit Committee.



AMTECH SYSTEMS, INC.

FOR IMMEDIATE RELEASE

Contact: Robert T. Hass, CFO
(480) 967-5146AMTECH SYSTEMS INC. ANNOUNCES
NEW BOARD MEMBER AND CHAIR OF AUDIT COMMITTEE

Tempe, AZ—October 28, 2005 — Amtech Systems, Inc. (Nasdaq_NM:[ASYS](#)), a global supplier of production and automation systems and related supplies for the semiconductor, silicon wafer, solar cell and microelectromechanical system (MEMS) industries, today announced that Lawrence D. Firestone has been elected as a member of the Company's Board of Directors. Mr. Firestone has also been appointed chairman of the Audit Committee.

Mr. Firestone was appointed to the Company's Board on October 27, 2005 and will serve as the Chair of the Audit Committee. He qualifies as an "audit committee financial expert" as defined in the rules promulgated by the U.S. Securities and Exchange Commission and required by the NASDAQ National Market. Mr. Firestone is the Chief Financial Officer, Secretary and Treasurer of Applied Films Corporation (Nasdaq: [AFCO](#)), a company with a \$288 million market capitalization, and has served in that role since 1999. Applied Films is a supplier of thin film deposition equipment to several industries, including the solar cell industry, with global operations. Prior to joining Applied Films, he was Vice President and Chief Operating Officer for Avalanche Industries, Inc., a contract manufacturing company, and held various senior financial positions at Woolson Spice & Coffee Company, Inc., TechniStar Corporation and Colorado Manufacturing Technology, Inc. Mr. Firestone has extensive business and financial experience in raising capital, public company management, startup, growth and turnaround companies, international operations, acquisitions and divestitures. Mr. Firestone holds a Bachelor of Science degree in business administration with a concentration in accounting from Slippery Rock State College.

Mr. Firestone stated, "I am delighted to be working with a seasoned management team and a global company that has such an exciting strategic plan and vision. Planning for growth through acquisitions, new products and increased market penetration will be an exciting challenge. I look forward to working with this team in taking Amtech Systems to the next step in achieving those plans."

J.S. Whang, the Company's President and CEO, stated, "I am very pleased with the addition of Mr. Firestone to our Board of Directors and Audit Committee. Since he began working at Applied Films six years ago, that company's revenue has grown from \$32 million to \$182 million, representing a 34% annual compounded average growth rate."

As a result, I am convinced that his skills and experience will make Larry a great contributor to our management team, as we continue to pursue the Company's growth strategy."

Amtech Systems, Inc. manufactures capital equipment, including silicon wafer handling automation, thermal semiconductor processing equipment and related consumables used in fabricating semiconductor devices. Semiconductors, or semiconductor chips, are fabricated on silicon wafer substrates, sliced from ingots, and are part of the circuitry, or electronic components, of many products including computers, telecommunications devices, automotive products, consumer goods, industrial automation and control systems. The Company's semiconductor handling, thermal processing and consumable products currently address the polishing of newly sliced silicon wafers and reclaimed test wafers and the oxidation and deposition steps used in the fabrication of semiconductors, MEMS and solar cells.

The Private Securities Litigation Reform Act of 1995 provides a "safe harbor" for forward-looking statements. Certain information included in this press release (as well as information included in oral statements or other written statements made or to be made by Amtech Systems, Inc.) contains statements that are forward-looking. Such forward looking information involves a number of known and unknown risks and uncertainties that could cause actual results to differ materially from those discussed or anticipated by management. Potential risks and uncertainties include, among other factors, industry specific and general business conditions, competitive market conditions, success of Amtech's growth and sales strategies, and other risks indicated in our filings with the Securities and Exchange Commission (SEC). We assume no obligation to update this information. For more details, please refer to our SEC filings, including our Annual Report on Form 10-K and 10K/A for the fiscal year ended September 30, 2004, our Quarterly Reports on Form 10-Q for the quarters ended December 31, 2004, March 31, 2005 and June 30, 2005 and our Current Reports on Form 8-K.
