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

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**FORM 8-K**

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

**Date of report (Date of earliest event reported): August 17, 2017**

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**Amtech Systems, Inc.**  
(Exact Name of Registrant as Specified in Charter)

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**Arizona**  
(State or Other Jurisdiction  
of Incorporation)

**000-11412**  
(Commission  
File Number)

**86-0411215**  
(IRS Employer  
Identification No.)

**131 S. 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)

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

- Written communications pursuant to Rule 425 under the 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))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

- Emerging growth company
  - If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.
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**Section 7 - Regulation FD**

**Item 7.01**

Regulation FD Disclosure

On August 17, 2017, Amtech Systems, Inc. (the “Registrant”) issued a press release. A copy of the press release is included as Exhibit 99.1 to this Current Report and is incorporated herein by reference.

The information contained in this Current Report, including the accompanying Exhibit 99.1 is furnished pursuant to Item 7.01 of Form 8-K and shall not be incorporated by reference into any filing of the Registrant, whether made before or after the date hereof, regardless of any general incorporation language in such filing, unless expressly incorporated by specific reference in such filing. The information in this Current Report, including the accompanying exhibit, shall not be deemed to be “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section or Sections 11 and 12(a)(2) of the Securities Act of 1933, as amended.

**Section 9 - Financial Statements and Exhibits**

**Item 9.01 Financial Statements and Exhibits.**

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press Release dated August 17, 2017

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## 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: August 17, 2017

By: /s/ Robert T. Hass

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Name: Robert T. Hass

Title: Vice President & Chief Financial Officer

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**Exhibit Index**

<b>Exhibit No.</b>	<b>Description</b>
99.1	Press Release dated August 17, 2017

### **Amtech Announces Proposed Public Offering of Common Stock**

TEMPE, Ariz., August 17, 2017 /PRNewswire/ -- Amtech Systems, Inc. (NASDAQ: ASYS), a global supplier of production equipment and related supplies for the solar, semiconductor, and LED markets today announced that it intends to offer shares of its common stock in an underwritten public offering. The offering is subject to market and other conditions, and there can be no assurance as to whether or when the offering may be completed, or as to the actual size or terms of the offering.

Roth Capital Partners is acting as the sole manager for the offering.

The Company plans to use the net proceeds of the offering for general corporate purposes, which may include working capital, capital expenditures and potential acquisitions.

A shelf registration statement relating to the shares of common stock to be issued in the proposed offering was filed with the Securities and Exchange Commission (the "SEC") and is effective. This press release shall not constitute an offer to sell or the solicitation of an offer to buy any of the securities described herein, nor shall there be any sale of these securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or jurisdiction. Copies of the preliminary prospectus supplement and accompanying prospectus will be filed with the Securities and Exchange Commission and, when available, may be obtained from Roth Capital Partners, LLC, 888 San Clemente, Newport Beach, CA 92660, (800) 678-9147 or email: rothecm@roth.com or by accessing the SEC's website, www.sec.gov.

#### **About Amtech Systems, Inc.**

Amtech Systems, Inc. is a global supplier of advanced thermal processing equipment to the solar, semiconductor / electronics, and LED manufacturing markets. Amtech's equipment includes diffusion, ALD and PECVD systems and solder reflow systems. Amtech also supplies wafer handling automation and polishing equipment and related consumable products. The Company's wafer handling, thermal processing and consumable products currently address the diffusion, oxidation, and deposition steps used in the fabrication of solar cells, LEDs, semiconductors, MEMS, printed circuit boards, semiconductor packaging, and the polishing of newly sliced sapphire and silicon wafers. Amtech's products are recognized under the leading brand names Tempres Systems<sup>™</sup>, Bruce Technologies<sup>™</sup>, PR Hoffman<sup>™</sup>, R2D Automation<sup>™</sup>, SoLayTec, and BTU International.

#### **Safe Harbor / Forward-Looking Statements**

This press release contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 regarding the proposed public offering and the intended use of proceeds from

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the offering. The offering is subject to market and other conditions and there can be no assurance as to whether or when the offering may be completed or as to the actual size or terms of the offering. These forward-looking statements are subject to risks and uncertainties that may cause actual results to differ materially, including market conditions, risks associated with the cash requirements of our business and other risks detailed from time to time in our filings with the Securities and Exchange Commission, and represent our views only as of the date they are made and should not be relied upon as representing our views as of any subsequent date. We do not assume any obligation to update any forward-looking statements.

**Contacts:**

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