FORM 4

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

OMB APPROVAL
OMB Number: 3235-0287
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| (Print or Type Responses) | | | | | | | | | | | | | | | |
|---|--|---|-------------|-------|---|--|--------------|--|---|---------------------------|--|--|--|--|--|
| 1. Name and Address of Reporting Po Anderson Bradley Clark | 2. Issuer Name an AMTECH SYS | | | ~ , | ol | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | | | | | | |
| 131 SOUTH CLARK DRIVE | (Middle) | 3. Date of Earliest 7 02/11/2014 | Transaction | (Mont | th/Day/Ye | ear) | | X_ Officer (give title below) Other (specify below) Chief Financial Officer | | | | | | | |
| (Street) TEMPE, AZ 85281 | 4. If Amendment, Date Original Filed(Month/Day/Year) 6. Individual or Joint/Group Filing(Check Applicable L X_Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | | | ne) | | | | | | | |
| (City) (State) | (Zip) | | Table I - 1 | Non-I | Derivative | Securi | ties Acqu | ired, Disposed of, or Beneficially Own | Owned Comparison of Indirect (I) (Instr. 4) D D D D D D D D D D D D D | | | | | | |
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | (Instr. 8) | tion | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | Ownership Form: | of Indirect Beneficial | | | | | |
| | | (Nonia Bay, 1 val) | Code | V | Amount | (A) or (D) | Price | (and i) | or Indirect | | | | | | |
| Amtech Systems, Inc. \$.01 par value common stock | r 02/11/2014 | | M | | 15,637 | A | \$ 2.95 | 55,153 | D | | | | | | |
| Amtech Systems, Inc. \$.01 par value common stock | 02/11/2014 | | S | | 15,637 | D | \$ 9.4127 | 39,516 | D | | | | | | |
| Amtech Systems, Inc. \$.01 par value common stock | 02/11/2014 | | М | | 7,500 | A | \$ 3.80 | 47,016 | D | | | | | | |
| Amtech Systems, Inc. \$.01 par value common stock | 02/11/2014 | | S | | 7,500 | D | \$ 9.4127 | 39,516 | D | | | | | | |
| Amtech Systems, Inc. \$.01 par value common stock | 02/12/2014 | | М | | 9,361 | A | \$ 2.95 | 48,877 | D | | | | | | |
| Amtech Systems, Inc. \$.01 par value common stock | 02/12/2014 | | S | | 9,361 | D | \$ 9.3862 | 39,516 | D | | | | | | |
| Reminder: Report on a separate line f | or each class of securities b | eneficially owned di | | Pers | ons who | respo | nd to the | e collection of information contain I to respond unless the form disp ol number. | | 2 1474 (9-02) | | | | | |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | Conversion | | Execution Date, if | Code | tion) | on of Derivative | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | | Derivative Security (Instr. 5) | Derivative Securities Beneficially Owned Following Reported Transaction(s) | Ownership Form of Derivative Security: Direct (D) or Indirect (I) | Beneficial |
|---|------------|------------|--------------------|------|-----------|------------------|-----|--|--------------------|--|--|--------------------------------------|--|---|------------|
| | | | | Code | V | (A) | (D) | | Expiration Date | Title | Amount or Number of Shares | | (Instr. 4) | (Instr. 4) | |
| Amtech Systems, Inc. Employee Stock Option | \$ 2.95 | 02/11/2014 | | M | | 15,637 | | 07/01/2013 | 12/11/2022 | Amtech Systems, Inc. \$.01 par value common stock | 15,637 | Ш | 24,363 (2) | D | |
| Amtech Systems, Inc. Employee Stock Option | \$ 3.80 | 02/11/2014 | | М | | 7,500 | | 12/09/2012 | 12/09/2018 | Amtech Systems, Inc. \$.01 par value common stock | 7,500 | (1) | 7,500 (2) | D | |

| Amtech Systems, Inc. Employee Stock Option | \$ 2.95 | 02/12/2014 | | М | | 9,361 | | 07/01/2013 | 12/11/2022 | Amtech Systems, Inc. \$.01 par value common stock | 9,361 | (1) | 15,002 (3) | D | | |
|---|---------|------------|--|---|--|-------|--|------------|------------|---|-------|-----|------------|---|--|--|
|---|---------|------------|--|---|--|-------|--|------------|------------|---|-------|-----|------------|---|--|--|

Reporting Owners

| | Relationships | | | | | | | |
|--|---------------|--------------|-------------------------|-------|--|--|--|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | | | | |
| Anderson Bradley Clark 131 SOUTH CLARK DRIVE TEMPE, AZ 85281 | | | Chief Financial Officer | | | | | |

Signatures

| Robert T. Hass on behalf of Bradley Anderson by Power of Attorney | 02/13/2014 |
|---|------------|
| **Signature of Reporting Person | Date |

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(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) Price omitted because the transaction is a grant of a stock option.
- (2) This is the number of derivative securities, with the same terms and conditions, following the reported transaction.
- (3) This is the number of derivative securities, with the same terms and conditions, following the reported transaction. Total of all derivative securities, with different terms and conditions, held following the reported transaction is 117,075, net of options cancelled.

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.