Hwang Jeong Mo Form 4 November 24, 2009

subject to

Section 16.

Form 4 or

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

Check this box if no longer

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b).

(Print or Type Responses)

(Last)

Security

(Instr. 3)

1. Name and Address of Reporting Person * Hwang Jeong Mo

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

AMTECH SYSTEMS INC [ASYS]

3. Date of Earliest Transaction

(Month/Day/Year)

1257 POPLAR AVENUE, UNIT B 11/20/2009

(Middle)

below) 6. Individual or Joint/Group Filing(Check

(Check all applicable)

10% Owner

Other (specify

4. If Amendment, Date Original Filed(Month/Day/Year)

Applicable Line)

X Director

Officer (give title

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

SUNNYVALE, CA 94086

(City) (State) (Zip) 1.Title of 2. Transaction Date 2A. Deemed

(Month/Day/Year) Execution Date, if (Month/Day/Year)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (Instr. 4)

(A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

4

(Instr. 8)

1. Title of Derivative Security (Instr. 3)

2. Conversion or Exercise Price of

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if (Month/Day/Year)

5. Number Transaction Derivative Code Securities

Acquired

6. Date Exercisable and Expiration Date

(Month/Day/Year)

7. Title and of Underlyin Securities (Instr. 3 and

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Derivative (A) or Security Disposed of (D) (Instr. 3, 4,

and 5)

Code V (A) (D) Date Exercisable Expiration Date Title

Amtech Systems, Inc.

Director Stock

Option

Non-Employee \$ 6.15

11/20/2009

Α 5,000 11/20/2010(1) 11/20/2019(2)

Systems, Inc. \$0.1 par value common stock

Amtech

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Hwang Jeong Mo 1257 POPLAR AVENUE, UNIT B X SUNNYVALE, CA 94086

Signatures

/s/ Robert T. Hass on behalf of Jeong Mo Hwang by power of attorney

11/24/2009

**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) One-third of the stock option 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 terminates, except that the expiration is one
- (2) year from the date of termination if such termination is the result of death, or such other expiration date as the Board of Directors sets in its discretion at the time of termination.
- (3) Price omitted because the transaction is a grant of a stock option.

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.

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