Giese Alfred Form 4 November 24, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB Number: 3235-0287 January 31,

Expires: 2005
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10% Owner

0.5

burden hours per response...

if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue. *See* Instruction

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

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person **Giese Alfred

2. Issuer Name **and** Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

X Director

(Middle)

AMTECH SYSTEMS INC [ASYS]

(Check all applicable)

C/O AMTECH SYSTEMS, INC., 131 SOUTH CLARK DR.

(First)

(Month/Day/Year)

11/20/2009

Officer (give title Delow) Other (specify below)

OUTH CLARK DR.
(Street)

4. If Amendment, Date Original

3. Date of Earliest Transaction

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

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

Person

TEMPE, AZ 85281

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Da

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

3. 4. Securities
TransactionAcquired (A) or
Code Disposed of (D)
(Instr. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following 6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (I) Ownership (Instr. 4) (Instr. 4)

(A) or Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price (Instr. 3 and 4

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

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.

SEC 1474

(9-02)

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

1. Title of 3. Transaction Date 3A. Deemed 5. Number 6. Date Exercisable and Expiration 7. Title and Derivative Security Conversion (Month/Day/Year) Execution Date, if Transaction Derivative Date of Underlyin (Instr. 3) or Exercise any Code Securities (Month/Day/Year) Securities

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Price of	(Month/Day/Year)	(Instr. 8)	Acquired		(Instr. 3 an
Derivative			(A) or		
Security			Disposed of		
·			(D)		
			(Instr. 3, 4,		
			and 5)		
		Code V	(A) (D) Date Exercisable Expiration Date	e Title

Amtech

Systems,

Inc. \$.01

par value

common

stock

Amtech
Systems, Inc.
Non-Employee \$ 6.15 11/20/2009 A 5,000 11/20/2010(1) 11/20/2019(2)
Director Stock
Option

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Giese Alfred
C/O AMTECH SYSTEMS, INC.
131 SOUTH CLARK DR.

Signatures

TEMPE, AZ 85281

/s/ Robert T. Hass on behalf of Alfred W. Giese

Date

11/24/2009

**Signature of Reporting Person

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.

Reporting Owners 2