KING ROBERT F

Form 4

November 24, 2009

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

3235-0287 Number:

January 31, Expires: 2005

0.5

Estimated average burden hours per response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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).

(Print or Type Responses)

1. Name and Address of Reporting Person * KING ROBERT F

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

below)

AMTECH SYSTEMS INC [ASYS]

(Check all applicable)

(First) (Last)

3. Date of Earliest Transaction

(Month/Day/Year)

11/20/2009

X Director 10% Owner Officer (give title Other (specify

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

(Street)

4. If Amendment, Date Original

(Instr. 8)

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person

(Instr. 4)

Form filed by More than One Reporting

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 Date, if

(Month/Day/Year)

(Middle)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially Owned Following

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

(Instr. 4)

(A) or Code V Amount (D) Price

(Instr. 3, 4 and 5)

Reported Transaction(s) (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 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)

1. Title of Derivative Security Conversion (Instr. 3) or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if any

5. Number Transaction Derivative Date Code Securities

6. Date Exercisable and Expiration

(Month/Day/Year)

7. Title and of Underlyin Securities

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Price of (Month/Day/Year) (Instr. 8) Acquired Derivative (A) or Security Disposed of (D) (Instr. 3, 4, and 5)

(Instr. 3 and

Amtech

Systems

\$0.01 par

value

common

stock

str. 3, 4, 15)

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

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 Relationships

Director 10% Owner Officer Other

KING ROBERT F C/O AMTECH SYSTEMS, INC. 131 SOUTH CLARK DRIVE TEMPE, AZ 85281

X

Signatures

/s/ Robert T. Hass 11/24/2009

**Signature of Date
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 options 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 vear 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
- (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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