KING ROBERT F

Form 4

December 10, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

3235-0287

Expires:

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0.5

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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).

common stock

(Print or Type Responses)

(11iiit of Type	(Caponaca)									
1. Name and Address of Reporting Person * KING ROBERT F			2. Issuer Name and Ticker or Trading Symbol AMTECH SYSTEMS INC [asys]]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of	of Earliest T	ransaction	1		(Clieci	х ан аррисавіс	;)
C/O AMTECH SYSTEMS INC, 131 SOUTH CLARK DRIVE			(Month/Day/Year) 12/09/2010				-	_X_ Director 10% Owner Officer (give title below) Other (specify below)		
(Street)			4. If Amendment, Date Original				(6. Individual or Joint/Group Filing(Check		
TEMPE, AZ 85281			Filed(Month/Day/Year)					Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting		
I EMPE, A	Z 83281						I	Person		
(City)	(State)	(Zip)	Tal	ole I - Non-	Derivativo	e Secu	ırities Acqu	ired, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		Date, if	3. Transactio Code (Instr. 8)	Omr Dispos (Instr. 3,	sed of 4 and (A) or	5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Amtech Systems, Inc. \$.01 par value common stock	12/09/2010			Code V M	5,000	(D)	Price \$ 9.05	15,000	D	
Amtech Systems, Inc. \$.01 par value	12/09/2010			S	5,000	D	\$ 24.8822	10,000	D	

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

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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 Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number op f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amou of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Shar
Amtech Systems, Inc. Non-Employee Director Stock Option	\$ 9.05	12/09/2010		М	5,000	03/02/2009	03/02/2016	Amtech Systems, Inc. \$.01 par value common stock	5,0

Reporting Owners

Reporting Owner Name / Address	Relationships					
reporting of the rame, reduces	Director	10% Owner	Officer	Other		
KING ROBERT F C/O AMTECH SYSTEMS INC 131 SOUTH CLARK DRIVE TEMPE, AZ 85281	X					

Signatures

Robert T. Hass on behalf of Robert F. King by Power of
Attorney

**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)

Reporting Owners 2

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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 20,000.

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.