

FORM 4

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

OMB APPROVAL
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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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person* KING ROBERT F <small>(Last) (First) (Middle)</small> C/O AMTECH SYSTEMS INC, 131 SOUTH CLARK DRIVE <small>(Street)</small> TEMPE, AZ 85281 <small>(City) (State) (Zip)</small>	2. Issuer Name and Ticker or Trading Symbol AMTECH SYSTEMS INC [ASYS] 3. Date of Earliest Transaction (Month/Day/Year) 01/18/2018 4. If Amendment, Date Original Filed(Month/Day/Year)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> 10% Owner <input type="checkbox"/> Other (specify below)
6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		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)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Amtech Systems, Inc. \$.01 par value common stock	01/18/2018		M		2,000	A	\$ 2.95	10,200	D	
Amtech Systems, Inc. \$.01 par value common stock	01/18/2018		M		1,666	A	\$ 6.15	11,866	D	
Amtech Systems, Inc. \$.01 par value common stock	01/18/2018		M		2,000	A	\$ 7.01	13,866	D	
Amtech Systems, Inc. \$.01 par value common stock	01/18/2018		M		5,000	A	\$ 11.05	18,866	D	
Amtech Systems, Inc. \$.01 par value common stock	01/18/2018		M		1,033	A	\$ 7.98	19,899	D	
Amtech Systems, Inc. \$.01 par value common stock	01/18/2018		M		2,000	A	\$ 9.98	21,899	D	
Amtech Systems, Inc. \$.01 par value common stock	01/18/2018		M		2,000	A	\$ 5.25	23,899	D	
Amtech Systems, Inc. \$.01 par value common stock	01/18/2018		M		2,000	A	\$ 5.75	25,899	D	
Amtech Systems, Inc. \$.01 par value common stock	01/18/2018		S		17,699	D	\$ 11.25	8,200	D	

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 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. Transaction Code (Instr. 8)		5. Number of 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 Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					
Amtech Systems, Inc. Non-Employee Director Stock Option	\$ 2.95	01/18/2018		M			2,000	12/11/2013	12/11/2022	Amtech Systems, Inc. \$.01 par value common stock	\$ 2.95	4,000	D	

Amtech Systems, Inc. Non-Employee Director Stock Option	\$ 6.15	01/18/2018		M		1,666	11/20/2010	11/20/2019	Amtech Systems, Inc. \$.01 par value common stock	1,666.00	\$ 6.15	3,334	D
Amtech Systems, Inc. Non-Employee Director Stock Option	\$ 7.01	01/18/2018		M		2,000	12/12/2014	12/12/2023	Amtech Systems, Inc. \$.01 par value common stock	2,000.00	\$ 7.01	4,000	D
Amtech Systems, Inc. Non-Employee Director Stock Option	\$ 11.05	01/18/2018		M		5,000	03/14/2009	03/14/2018	Amtech Systems, Inc. \$.01 par value common stock	5,000.00	\$ 11.05	0	D
Amtech Systems, Inc. Non-Employee Director Stock Option	\$ 7.98	01/18/2018		M		1,033	12/15/2012	12/15/2021	Amtech Systems, Inc. \$.01 par value common stock	1,033.00	\$ 7.98	2,067	D
Amtech Systems, Inc. Non-Employee Director Stock Option	\$ 9.98	01/18/2018		M		2,000	11/19/2015	11/19/2024	Amtech Systems, Inc. \$.01 par value common stock	2,000.00	\$ 9.98	4,000	D
Amtech Systems, Inc. Non-Employee Director Stock Option	\$ 5.25	01/18/2018		M		2,000	11/17/2016	11/17/2025	Amtech Systems, Inc. \$.01 par value common stock	2,000.00	\$ 5.25	4,000	D
Amtech Systems, Inc. Non-Employee Director Stock Option	\$ 5.75	01/18/2018		M		2,000	09/18/2017	03/17/2027	Amtech Systems, Inc. \$.01 par value common stock	2,000.00	\$ 5.75	4,000	D

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

Robert T. Hass on behalf of Bob King by Power of Attorney		01/19/2018
<small>Signature of Reporting Person</small>		<small>Date</small>

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) Option exercise and sales are pursuant to a previously disclosed 10b5-1 plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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