

# FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287  
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hours per response... 0.5

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

## 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

(Print or Type Responses)

1. Name and Address of Reporting Person * WHANG JONG S	2. Issuer Name and Ticker or Trading Symbol AMTECH SYSTEMS INC [asys]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Chief Executive Officer
(Last) (First) (Middle)	3. Date of Earliest Transaction (Month/Day/Year) 11/30/2010	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
(Street)	4. If Amendment, Date Original Filed (Month/Day/Year)	
(City) (State) (Zip)	<b>Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned</b>	

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	11/30/2010		S		2,385	D	\$ 20.18	97,192	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		500	D	\$ 20.17	96,962	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		500	D	\$ 20.19	96,192	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		200	D	\$ 20.28	95,992	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		200	D	\$ 20.26	95,792	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		64	D	\$ 20.23	95,728	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		500	D	\$ 20.22	95,228	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		400	D	\$ 20.14	94,828	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		200	D	\$ 20.10	94,628	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		100	D	\$ 20.15	94,528	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		700	D	\$ 20.29	93,828	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		746	D	\$ 20.30	93,082	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		1,280	D	\$ 20.32	91,802	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		300	D	\$ 20.33	91,502	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		488	D	\$ 20.42	91,014	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		500	D	\$ 20.37	90,514	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		849	D	\$ 20.34	89,665	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		490	D	\$ 20.35	89,175	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		100	D	\$ 20.41	89,075	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		200	D	\$ 20.73	88,875	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		42	D	\$ 21.07	88,833	D	
Amtech Systems, Inc. \$.01 par value common stock	11/30/2010		S		500	D	\$ 21	88,333	D	

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

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**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)					

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WHANG JONG S	X		Chief Executive Officer	

## Signatures

Robert T. Hass on behalf of Jong S. Whang by Power of Attorney		12/02/2010
**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).

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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