FORM 4

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

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

(Print or Type Responses)

1. Name and Address of Reporting Person *	2. Issuer Name **and** Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
WHANG JONG S (Last) (First) (Middle)	AMTECH SYSTEMS INC [asys]	_X_ Director ____ 10% Owner _X_ Officer (give title below) ____ Other (specify below)
C/O AMTECH SYSTEMS, INC., 131 SOUTH CLARK DRIVE (Street)	3. Date of Earliest Transaction (Month/Day/Year) 07/20/2007	President and CEO
TEMPE, AZ 85281 (City) (State) (Zip)	4. If Amendment, Date Original Filed(Month/Day/Year) 07/24/2007	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person ___ 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. $0.01 par value common stock	07/20/2007		S		12,571 (1)	D	$ 13.50 (2)	71,884	D	
Amtech Systems, Inc. $0.01 par value common stock	07/21/2007		S		71,884 (1)	D	$ 13.5043 (2)	0	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)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WHANG JONG S C/O AMTECH SYSTEMS, INC. 131 SOUTH CLARK DRIVE TEMPE, AZ 85281	X		President and CEO	

Signatures

Robert T. Hass on behalf of J.S. Whang by power of attorney		09/25/2007
**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) THESE SHARES WERE SOLD PURSUANT TO THE 10b5-1 PLAN INITIATED ON AND EFFECTIVE AS OF SEPTEMBER 7, 2007.

(2) AVERAGE PRICE OF TRADES ON THE DATE INDICATED.

Remarks:
THE NUMBER OF DERIVATIVE SECURITIES (I.E. OPTIONS TO PURCHASE SHARES OF AMTECH SYSTEMS, INC. $0.01 PAR VALUE COMMON STOCK) REMAINS 180,000 FOLLOWING THE REPORTED TRANSAC

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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