FORM 4

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

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)
(Last) 131 S. CLARK DR.	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 08/06/2010	_X__ Director _____ 10% Owner _X__ Officer (give title below) _____ Other (specify below) Chairman and CEO
(Street) TEMPE, AZ 85281			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person ___ Form filed by More than One Reporting Person
(City)	(State)	(Zip)		

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			
Restricted Stock	08/06/2010		A		5,000 (1)	A	$ 0 (2)	90,000	D	

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

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				
Stock Option	$ 10.64	08/06/2010		A		10,000		(1)	08/06/2020	Common Stock	10,000	$ 0 (3)	10,000	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WHANG JONG S 131 S. CLARK DR. TEMPE, AZ 85281	X		Chairman and CEO	

Signatures

By Robert T. Hass on behalf of J.S. Whang by power of attorney	08/10/2010
⁎⁎Signature of Reporting Person	Date

Explanation of Responses:

(**1**) The restricted stock and stock options vest in 4 equal annual installments beginning on August 6, 2011.

(**2**) Price omitted because transaction is a grant of restricted stock.

(3) Price omitted because transaction is a grant of stock options.

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