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

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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 GARNREITER MIC	2. Issuer Name and Ticker or Trading Symbol AMTECH SYSTEMS INC [asys]						5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner				
(Last) 6735 E. GREENWA	3. Date of Earliest Transaction (Month/Day/Year) 02/14/2011						Officer (give title below) Other (specify below)				
SCOTTSDALE, AZ	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)		(Instr. 8)		4. Securities Acquired (A or Disposed of (D) (Instr. 3, 4 and 5)		D)	Owned Following Reported Transaction(s)	Ownership Form: 0f Ir Ben	Beneficial
			(Month/Day/Year)	Code	v	Amount	(A) or (D)	Price	(Instr. 3 and 4)	Direct (D) or Indirect (I) (Instr. 4)	
Amtech Systems, In value common stock	1	02/14/2011		М		1,000	А	\$ 7.30	1,000	D	
Amtech Systems, In value common stock	1	02/14/2011		S		1,000	D	\$ 24.6004	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)														
		3A. Deemed										11. Nature		
	(Month/Day/Year)				(Month/Day/Year)				2			Beneficial		
		(Month/Day/Year)	(Instr. 8						(Instr. 3 and	14)	· /			-
				•									(Instr. 4)	
Security														
										1				
						. 4.								
													` ´	
										Amount				
							Date	Expiration		or				
									Title					
			Code	v	$(\Lambda)$	(D)				-				
			Code	v	(A)	(D)				Shares				
									Amtech					
									Systems,					
									Inc. \$.01					
\$ 7.30	02/14/2011		Μ		1,000		02/19/2010	02/19/2017	par	1,000	(1)	5,000 <sup>(2)</sup>	D	
									value					
									common					
									stock					
	Conversion or Exercise Price of Derivative Security	or Exercise (Month/Day/Year) Price of Derivative Security	2.       3. Transaction Date       3A. Deemed Execution Date, if any (Month/Day/Year)         Price of Derivative Security       (Month/Day/Year)	2. 3. Transaction Conversion Date or Exercise (Month/Day/Year) Price of Derivative Security Security Code Month/Day/Year) A. Deemed Execution Date, if Transac Code (Instr. 8 Code (Instr. 8) Code (Instr. 8)	2. 3. Transaction Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) 3. Deemed Execution Date, if any (Month/Day/Year) (Month/Day/Year) Code (Instr. 8) Code V Code Code Code Code Code Code Code Code	2. 3. Transaction Conversion Date or Exercise (Month/Day/Year) Derivative Security	2. 3. Transaction Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) Month/Day/Year) 3. Deemed Execution Date, if any (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) A. Transaction Code (Instr. 8) Code (Instr. 8) Code (Instr. 3, 4, and 5) Code V (A) (D)	2. 3. Transaction Date (Month/Day/Year) 3. Leemed Execution Date, if Price of Derivative Security Secu	2. Conversion Date (Month/Day/Year) 3. Transaction Date (Month/Day/Year) 3. Transaction or Exercise (Month/Day/Year) (Month/Day/Year) 4. Transaction Code (Instr. 8) Security Security 6. Date Exercisable and Expiration Date (Instr. 8) Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) Code V (A) (D) Date Exercisable and Expiration Date (Month/Day/Year) Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) Expiration Date (Instr. 8) Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) Code V (A) (D) Date Exercisable Expiration Date (Month/Day/Year) Code V (A) (D) Date Exercisable (Month/Day/Year) Code V (A) (D) Date Exercisable (Month/Day/Year) Code V (A) (D) Date Exercisable (Month/Date (Month/Day/Year) Code V (A) (D) Date Exercisable (Month/Date (Month/Date (Month/Day/Year) Code V (A) (D) Date Exercisable (Month/Date (Mo	2.       3. Transaction Date       3A. Deemed Execution Date, if any (Month/Day/Year)       5. Number Transaction Or Exercise Price of Derivative Security       6. Date Exercisable and Expiration Date (Month/Day/Year)       7. Title and of Underlyi Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)         8 7.30       02/14/2011       02/14/2011       M       M       I       1,000       Date (02/19/2010       Expiration Date (02/19/2010       7. Title and of Underlyi Securities (Instr. 3 and Date Expiration Date         8 7.30       02/14/2011       M       M       I       1,000       02/19/2010       02/19/2017       Amtech Systems, Inc. \$.01	2.       3. Transaction Date       3A. Deemed Execution Date, if any (Month/Day/Year)       4.       5. Number of Code (Instr. 8)       6. Date Exercisable and Expiration Date       7. Title and Amount of Underlying Securities         Price of Derivative Securities       (Month/Day/Year)       4.       5. Number (Instr. 8)       6. Date Exercisable and Expiration Date       7. Title and Amount of Underlying Securities         Security       (Month/Day/Year)       4.       Transaction Code (Instr. 8)       5. Number of Code (Instr. 8)       6. Date Exercisable and Expiration Date       7. Title and Amount of Underlying Securities         Security       Expiration Disposed of (D) (Instr. 3, 4, and 5)       Expiration Date       Title       Amount or Number of Shares         \$ 7.30       02/14/2011       M       M       I       Interview       Date Exercisable       Expiration Date       Amtech Systems, Inc. \$.01       Amtech Systems, Inc. \$.01       Interview	2.       3. Transaction Date       3A. Deemed Execution Date, if any Derivative Security       3A. Deemed Execution Date, if any (Month/Day/Year)       5. Number Transaction Code (Instr. 8)       6. Date Exercisable and Expiration Date (Month/Day/Year)       7. Title and Amount of Underlying Securities (Instr. 3 and 4)       8. Price of Derivative Securities (Instr. 3 and 4)         Derivative Security       (Month/Day/Year)       4. Transaction Code (Instr. 8)       5. Number of Derivative Securities (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 Securities (Instr. 3, 4, and 5)         5       V       V       V       V       0       0       0       1000       1000       0	2.       3. Transaction Date       3. Deemed (Month/Day/Year)       4.       5. Number Transaction of Date       6. Date Exercisable and Expiration Date       7. Title and Amount of Underlying Securities       8. Price of Outlerlying Securities       9. Number of Derivative Securities         Price of Derivative Securities       Month/Day/Year)       Month/Day/Year)       1. Transaction of Underlying       8. Price of Of Underlying       8. Price of Outlerlying       9. Number of Derivative Securities         Security       Month/Day/Year)       1. Transaction (Month/Day/Year)       9. Number of Ode (Instr. 3)       6. Date Exercisable and Expiration Date       7. Title and Amount of Underlying Securities       8. Price of Of Underlying Securities       9. Number of Derivative Securities         Security       Month/Day/Year)       1. Transaction (A) or Disposed of (D) (Instr. 3, 4, and 5)       6. Date Exercisable       Transaction (Month/Day/Year)       7. Title and Amount of Underlying (Instr. 3) and 4)       8. Price of Derivative Securities       9. Number of Derivative Securities         Security       Very       Very       Very       N       Date       Date       Transaction (D)       Title and Amount (Instr. 3)       8. Price of Outlerlying (Instr. 3)       9. Number of Outlerlying (Instr. 3)         Securities       Very       Very       Very       N       Date       Date       Title       Amount Number of Shares	2.       3. Transaction Date       3A. Deemed Execution Date, or Exercise Perivative Security       3A. Deemed Execution Date, any (Month/Day/Year)       4.       5. Number of transaction Code (Instr. 3)       6. Date Exercisable and Expiration Date (Month/Day/Year)       7. Title and Amount of Underlying Securities (Instr. 3) and 4)       8. Price of Derivative Securities (Instr. 4)       9. Number of Derivative Securities (Instr. 4)       10. Ownership Form of Derivative Securities (Instr. 4)         Security Security       Month/Day/Year)       4.       5. Number of Code (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. 4)       9. Number of Derivative Security (Instr. 4)       10.         Security (Instr. 4)       Intervative Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)       Date Expiration Date       Expiration Date       Title       Amount or Shares       Amount of Shares         \$ 7.30       02/14/2011       M       Intervative (M       Intervative (A)       D       Date (D)       D </td

### **Reporting Owners**

	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
GARNREITER MICHAEL 6735 E. GREENWAY PARKWAY UNIT #2049 SCOTTSDALE, AZ 85254	Х						

## Signatures

Robert T. Hass on behalf of Michael Garnreiter by Power of Attorney	02/14/2011
-*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) 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 25 000 held following the reported transaction is 25,000.

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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