STORAGE TECHNOLOGY CORP

Form 4

February 10, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number: 3235-0287

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

may continue. See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * ARNOLD THOMAS G			2. Issuer Name and Ticker or Trading Symbol STORAGE TECHNOLOGY CORP [STK]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) (First) (Middle) ONE STORAGETEK DRIVE			3. Date of Earliest Transaction (Month/Day/Year) 02/08/2005					Director 10% OwnerX Officer (give title Other (specify below) VP and Corporate Controller			
				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			
LOUISVILLE, CO 80028								Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed of	f, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Da (Month/Day/Year	r) Execution	med on Date, if Day/Year)	Code (Instr. 3, 4 and 5)				5. Amount of Securities Form: Direct Indirect Beneficially (D) or Benefici Owned Indirect (I) Ownersh Following (Instr. 4) (Instr. 4) Reported Transaction(s)			
Common Stock	02/08/2005			Code V	Amount 4,718	(D)	Price \$ 0.1	(Instr. 3 and 4) 18,956	D		
Common Stock	02/10/2005			F	415	D	\$ 31.25	18,541	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. Transactio Code (Instr. 8)	5. Number of or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exerc Expiration D (Month/Day/	ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Options (Right to buy)	\$ 31.79	02/08/2005		A	10,724	<u>(1)</u>	02/08/2015	Common Stock	10,724

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

ARNOLD THOMAS G ONE STORAGETEK DRIVE LOUISVILLE, CO 80028

VP and Corporate Controller

Signatures

Donald H. Kronenberg, Attorney-in-Fact

02/10/2005

**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).
- All shares in this award will vest four years from the date of grant, except that the vesting of one-fourth of the shares in the award may be accelerated on each of the first, second and third anniversaries of the date of grant if StorageTek meets predetermined performance criteria, set by the Human Resources and Compensation Committee of the Board of Directors.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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