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SEAGATE TECHNOLOGY PLC

Reported by

MASSARONI KENNETH M

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 05/16/12 for the Period Ending 05/14/12

Telephone	(353) (1) 234-3136
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Symbol	STX
SIC Code	3572 - Computer Storage Devices
Industry	Computer Storage Devices
Sector	Technology
Fiscal Year	06/30

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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

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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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(f) of the Investment Company Act of 1940

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)
MASSARONI KENNETH M (Last) (First) (Middle)	**Seagate Technology plc [STX]**	_____ Director _____ 10% Owner __ **X** __ Officer (give title below) _____ Other (specify below) **EVP,General Counsel, CAO**
SEAGATE TECHNOLOGY PLC, 10200 S. DE ANZA BOULEVARD (Street)	3. Date of Earliest Transaction (MM/DD/YYYY) **5/14/2012**	
CUPERTINO, CA 95014 (City) (State) (Zip)	4. If Amendment, Date Original Filed (MM/DD/YYYY)	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. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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			
Ordinary Shares	**5/14/2012**		**M**		**50000**	**A**	**$24.125**	**70429**	**D**	
Ordinary Shares	**5/14/2012**		**S**		**50000**	**D**	**$32.00**	**20429**	**D**	
Ordinary Shares	**5/15/2012**		**M**		**5000**	**D**	**$3.345**	**25429**	**D**	
Ordinary Shares	**5/15/2012**		**S**		**5000**	**D**	**$31.46** (1)	**20429**	**D**	

Table II - Derivative Securities Beneficially Owned (*e.g.* , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (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				
NQ Stock Options	**$24.125**	**5/14/2012**		**M**			**50000**	**5/8/2007** (2)	**5/15/2013**	**Ordinary Shares**	**50000**	**$0**	**0**	**D**	
NQ Stock Options	**$3.345**	**5/15/2012**		**M**			**5000**	**9/11/2010** (3)	**3/6/2016**	**Ordinary Shares**	**5000**	**$0**	**190000**	**D**	

Explanation of Responses:

(1) Shares were sold under a 10b5-1 Trading Plan adopted by the REporting Person on November 17, 2011.

(2) Options granted to the Reporting Person under the Seagate Technology's 2004 Stock Compensation Plan are subject to a four year vesting schedule. One quarter of the option shares vested on May 08, 2007. Following continuous employment, the remaining shares vest proportionally monthly over the 36 months following May 08, 2007.

(3) Options granted to the Reporting Person under the Seagate Technology's 2004 Stock Compensation Plan are subject to a four and half year vesting schedule. One quarter of the option shares vested on September 11, 2010 . Following continuous employment, the remaining shares vest proportionally monthly over the 36 months following September 11, 2010.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MASSARONI KENNETH M SEAGATE TECHNOLOGY PLC 10200 S. DE ANZA BOULEVARD CUPERTINO, CA 95014			**EVP,General Counsel, CAO**	

Signatures

/S/ Roberta S. Cohen for Kenneth M. Massaroni **5/16/2012**

** Signature of Reporting Person — Date

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

***** 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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