SEAGATE TECHNOLOGY Form SC 13G February 15, 2005

Securities and Exchange Commission Washington, D. C. 20549

Schedule 13G Under the Securities Exchange Act of 1934 (Amendment No. ___)

> Seagate Technology Common Stock CUSIP Number G7946J104

Date of Event Which Requires Filing of this Statement: December 31, 2004

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

> [X] Rule 13d-1(b) [] Rule 13d-1(c)] Rule 13d-1(d)

CUSIP No. G7946J104

1) Name of reporting person: Legg Mason Funds Management, Inc. Tax Identification No.: 52-2268681

- 2) Check the appropriate box if a member of a group:
 - a) Х
 - b) n/a
- 3) SEC use only
- 4) Place of organization: Maryland

Number of shares beneficially owned by each reporting person with:

- 5) Sole voting power: - 0 -
- Shared voting power: 16,148,706 Sole dispositive power: 0 -
- 7)
- Shared dispositive power: 16,148,706 8)
- 9) Aggregate amount beneficially owned by each reporting person: 16,148,706
- Check if the aggregate amount in row (9) excludes certain shares: 10) n/a
- Percent of class represented by amount in row (9):
- Type of reporting person: 12) IA, CO

CUSIP No. G7946J104

1) Name of reporting person: Legg Mason Capital Management, Inc. Tax Identification No.: 52-1268629 Check the appropriate box if a member of a group: a) b) n/a SEC use only 3) Place of organization: 4) Maryland Number of shares beneficially owned by each reporting person with: Sole digration. 5) 9,199,800 6) - 0 -7) Sole dispositive power: 8) Shared dispositive power: 9,199,800 9) Aggregate amount beneficially owned by each reporting person: 9,199,800 Check if the aggregate amount in row (9) excludes certain shares: 10) 11) Percent of class represented by amount in row (9): 1.98% 12) Type of reporting person: IA, CO CUSIP No. G7946J104 Name of reporting person: 1) Legg Mason Focus Capital, Inc. Tax Identification No. 52-2311719 Check the appropriate box if a member of a group: a) b) n/a 3) SEC use only 4) Place of organization: Maryland Number of shares beneficially owned by each reporting person with: Sole voting power: - 0 -5) Shared voting power: 30,058 Sole dispositive power: 7) Shared dispositive power: 30,058 9) Aggregate amount beneficially owned by each reporting person: 30,058 10) Check the aggregate amount in row (9) excludes certain shares: n/a Percent of class represented by amount in row (9): 11)

0.00%

Type of reporting person:

12)

IA,CO Item 1a) Name of issuer: Seagate Technology Address of issuer's principal executive offices: Item 1b) P.O. BOX 309GT, UGLAND HOUSE SOUTH CHURCH STREET, GEORGE TOWN GRAND CAYMAN E9 00000 Name of person filing: Item 2a) Legg Mason Funds Management, Inc. Legg Mason Capital Management, Inc. Legg Mason Focus Capital, Inc. Item 2b) Address of principal business office: 100 Light Street Baltimore, MD 21202 Citizenship: Item 2c) Legg Mason Funds Management, Inc. Maryland corporation Legg Mason Capital Management, Inc. Maryland corporation Legg Mason Focus Capital, Inc. Maryland corporation Item 2d) Title of class of securities: Common Stock Item 2e) CUSIP number: G7945J104 Item 3) If this statement is filed pursuant to Rule 13d-1(b), or 13d-2(b), check whether the person filing is a:] Broker or dealer under Section 15 of the Act.] Bank as defined in Section 3(a)(6) of the Act. (c)[] Insurance Company as defined in Section 3(a)(6) of the Act. (d)[] Investment Company registered under Section 8 of the Investment Company Act. (e)[] Investment Adviser registered under Section 203 of the Investment Advisers Act of 1940.] Employee Benefit Plan, Pension Fund which is subject to ERISA (f)[of 1974 or Endowment Funds; see 240.13d-1(b)(ii)(F).] Parent holding company, in accordance with 240.13d-1(b)(ii)(G) (h)[X] Group, in accordance with 240.13d-1(b)(1)(ii)(J). Item 4) Ownership: (a) Amount beneficially owned: 25,378,564 Percent of Class: 5.46% (b) Number of shares as to which such person has: (C) (i) sole power to vote or to direct the vote: - 0 -

(ii) shared power to vote or to direct the vote:

25,378,564

- (iv) shared power to dispose or to direct the disposition of: 25,378,564
- Item 6) Ownership of more than Five Percent on behalf of another
 person:

Various accounts managed by the investment advisers identified in Item 8 have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of shares of the issuer. No such account owns more than 5% of the shares outstanding.

Item 7) Identification and classification of the subsidiary which acquired the security being reported on by the parent holding company: n/a

- Item 10) Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date - February 14, 2005

Legg Mason Funds Management, Inc.

Jennifer Murphy, Senior Vice President

Legg Mason Capital Management, Inc.

Ву_	Andrew J. Bowden, Senior Vice President
	Andrew J. Bowden, Senior Vice President
Leo	gg Mason Focus Capital, Inc.
Ву_	Robert G. Hagstrom, President
	Robert G. Hagstrom, President
	Exhibit A Joint Filing Agreement
This Joint Filing Agreement confirms the agreement by and among the addresigned that the Schedule 13G is filed on behalf of each member of the coup identified in Item 8.	
Lec	gg Mason Funds Management, Inc.
Ву_	
	Jennifer Murphy, Senior Vice President
Leg	gg Mason Capital Management, Inc.
Ву_	
	Andrew J. Bowden, Senior Vice President
Lec	gg Mason Focus Capital, Inc.
Ву_	
	Robert G. Hagstrom, President