KLA TENCOR CORP Form SC 13G/A April 10, 2006

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

SCHEDULE 13G

Under the Securities exchange Act of 1934

(AMENDMENT NO.2) *

(NAME OF ISSUER)

COM

(TITLE OF CLASS OF SECURITIES)

482480100

(CUSIP NUMBER)

March 31, 2006

(Date of event which requires filing of this Statement)

NOTE: A MAJORITY OF THE SHARES REPORTED IN THIS SCHEDULE 13G ARE HELD BY UNAFFILIATED THIRD-PARTY CLIENT ACCOUNTS MANAGED BY ALLIANCE CAPITAL MANAGEMENT L.P., AS INVESTMENT ADVISER. (ALLIANCE CAPITAL MANAGEMENT L.P. IS A MAJORITY-OWNED SUBSIDIARY OF AXA FINANCIAL, INC.)

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)
- * The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be 'filed' for the purpose of Section 18 of the Securities Exchange Act of 1934 ('Act') or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

(CONTINUED ON FOLLOWING PAGE(S))

CUSIP NO. 482480100 13G Page 2 of 12 Pages 1. NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON AXA Assurances I.A.R.D. Mutuelle 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP * (A) [X] (B) [] 3. SEC USE ONLY 4. CITIZENSHIP OR PLACE OF ORGANIZATION France NUMBER OF SHARES 5. SOLE VOTING POWER 18,260,632 BENEFICIALLY
OWNED AS OF 6. SHARED VOTING POWER 193,678 March 31, 2006 BY EACH 7. SOLE DISPOSITIVE POWER 22,797,614 REPORTING PERSON WITH: 8. SHARED DISPOSITIVE POWER 39,522 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH 22,837,136 REPORTING PERSON (Not to be construed as an admission of beneficial ownership) 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES * 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 11.4% 12. TYPE OF REPORTING PERSON * IC * SEE INSTRUCTIONS BEFORE FILLING OUT! CUSIP NO. 482480100 13G Page 3 of 12 Pages 1. NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON AXA Assurances Vie Mutuelle (A) [X] 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP * (B) [] 3. SEC USE ONLY 4. CITIZENSHIP OR PLACE OF ORGANIZATION France NUMBER OF SHARES 5. SOLE VOTING POWER 18,260,632 OWNED AS OF 6. SHARED VOTING POWER 193,678 March 31, 2006

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REPORTING PERSON WITH:	8. SHARED DISPOSITIVE POWER	39,522	
9. AGGREGATE AMOUNT BENER REPORTING PERSON			
(Not to be construed a	as an admission of beneficial ow	mership)	
10. CHECK BOX IF THE AGGRES *	EGATE AMOUNT IN ROW (9) EXCLUDES	CERTAIN	
11. PERCENT OF CLASS REPRI	ESENTED BY AMOUNT IN ROW 9	11.4%	
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CUSIP NO. 482480100	13G	Page 4 of 12 Pages	
CODII NO. 102100100	130	1 uge 1 01 12 1 uges	
1. NAME OF REPORTING PERSONS. S.S. OR I.R.S. IDENTIN	SON FICATION NO. OF ABOVE PERSON		
AXA Courtage Assura	ance Mutuelle		
2. CHECK THE APPROPRIATE	BOX IF A MEMBER OF A GROUP *	(A) [X] (B) []	
3. SEC USE ONLY			
4. CITIZENSHIP OR PLACE (France	OF ORGANIZATION		
BENEFICIALLY OWNED AS OF March 31, 2006 BY EACH REPORTING	5. SOLE VOTING POWER	18,260,632	
	6. SHARED VOTING POWER	193,678	
	7. SOLE DISPOSITIVE POWER	22,797,614	
	8. SHARED DISPOSITIVE POWER	39,522	
9. AGGREGATE AMOUNT BENEF REPORTING PERSON		22,837,136	
(Not to be construed a	as an admission of beneficial ow	mership)	
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11. PERCENT OF CLASS REPRI	ESENTED BY AMOUNT IN ROW 9	11.4%	
12. TYPE OF REPORTING PER:	SON *		
* 055	INSTRUCTIONS REFORE FILLING OUT!		

^{*} SEE INSTRUCTIONS BEFORE FILLING OUT!

CUSIP NO. 482480100 13G Page 5 of 12 Pages 1. NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON AXA (A) [] 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP * (B) [] 3. SEC USE ONLY 4. CITIZENSHIP OR PLACE OF ORGANIZATION France NUMBER OF SHARES 5. SOLE VOTING POWER 18,260,632 BENEFICIALLY OWNED AS OF 6. SHARED VOTING POWER 193,678 March 31, 2006 7. SOLE DISPOSITIVE POWER 22,797,614 BY EACH REPORTING PERSON WITH: 8. SHARED DISPOSITIVE POWER 39,522 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH 22,837,136 REPORTING PERSON (Not to be construed as an admission of beneficial ownership) 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES * 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 11.4% 12. TYPE OF REPORTING PERSON * IC * SEE INSTRUCTIONS BEFORE FILLING OUT! CUSIP NO. 482480100 13G Page 6 of 12 Pages 1. NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON AXA Financial, Inc. 13-3623351 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP * (A) [] (B) [] 3. SEC USE ONLY 4. CITIZENSHIP OR PLACE OF ORGANIZATION

NUMBER OF SHARES 5. SOLE VOTING POWER 18,258,932

OWNED AS OF 6. SHARED VOTING POWER 193,678

State of Delaware

BENEFICIALLY

March 31, 2006

4

BY EACH 7. SOLE DISPOSITIVE POWER 22,793,874

REPORTING

PERSON WITH: 8. SHARED DISPOSITIVE POWER 39,522

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH 22,833,396 REPORTING PERSON

(Not to be construed as an admission of beneficial ownership)

- 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES *
- 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 11.4%
- 12. TYPE OF REPORTING PERSON *

* SEE INSTRUCTIONS BEFORE FILLING OUT!

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Item 2(a) and (b)

Name of Person Filing and Address of Principal Business Office:

AXA Assurances I.A.R.D Mutuelle, and AXA Assurances Vie Mutuelle, 26, rue Drouot 75009 Paris, France

AXA Courtage Assurance Mutuelle 26, rue Drouot 75009 Paris, France

as a group (collectively, the 'Mutuelles AXA').

AXA

25, avenue Matignon 75008 Paris, France

AXA Financial, Inc. 1290 Avenue of the Americas New York, New York 10104

(Please contact Dean Dubovy at (212) 314-5528 with any questions.)

13G Page 8 of 12 Pages Item 2(c) Citizenship: Mutuelles AXA and AXA - France AXA Financial, Inc. - Delaware Item 2(d) Title of Class of Securities: COM Item 2(e) Cusip Number: 482480100 Item 3. Type of Reporting Person: AXA Financial, Inc. as a parent holding company, in accordance with 240.13d-1(b)(ii)(G). The Mutuelles AXA, as a group, acting as a parent holding company. AXA as a parent holding company. 13G Page 9 of 12 Pages Item 4. Ownership as of March 31, 2006 (a) Amount Beneficially Owned: 22,837,136 shares of common stock beneficially owned including: No. of Shares Subtotals _____ 0 AXA AXA Entity or Entities Common Stock acquired solely for investment purposes: AXA Rosenberg Investment Management LLC 3,740 AXA Financial, Inc. 0 Subsidiaries: Alliance Capital Management L.P. acquired solely for investment purposes on behalf of client discretionary investment advisory accounts: Common Stock 22,439,929

22,439,929

AXA Equitable Life Insurance Company

acquired solely for investment purposes:

Common Stock 393,467

393,467

Total 22,837,136

Each of the Mutuelles AXA, as a group, and AXA expressly declares that the filing of this Schedule 13G shall not be construed as an admission that it is, for purposes of Section 13(d) of the Exchange Act, the beneficial owner of any securities covered by this Schedule 13G.

Each of the above subsidiaries of AXA Financial, Inc. operates under independent management and makes independent decisions.

(b) Percent of Class:

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ITEM 4. Ownership as of

(CONT.)

(c) Deemed Voting Power and Disposition Power:

	Sole Power to Vote or to Direct	(ii) Deemed to have Shared Power to Vote or to Direct the Vote	Sole Power to Dispose or to Direct the	Shared Power to Dispose or to Direct the
The Mutuelles AXA,				
as a group	0	0	0	0
AXA	0	0	0	0
AXA Entity or Entities: AXA Rosenberg Investment Management LLC	1,700	0	3,740	0
AXA Financial, Inc.	0	0	0	0
Subsidiaries:				
Alliance Capital Management L.P.	18,011,847	193,678	22,400,407	39,522
AXA Equitable Life Insurance Company	247,085	0	393,467	0
	18,260,632	193 , 678	22,797,614	39,522
=:				========

Each of the above subsidiaries of AXA Financial, Inc. operates under independent management and makes independent voting and investment decisions.

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Item 5. Ownership of Five Percent or Less of a Class:
If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following.

()

- Item 6. Ownership of More than Five Percent on behalf of Another Person. N/A
- Item 7. Identification and Classification of the Subsidiary which Acquired the Security Being Reporting on by the Parent Holding Company:

This Schedule 13G is being filed by AXA Financial, Inc.; AXA, which owns AXA Financial, Inc.; and the Mutuelles AXA, which as a group control AXA:

- (X) in the Mutuelles AXAs' capacity, as a group, acting as a parent holding company with respect to the holdings of the following AXA entity or entities:
- (X) in AXA's capacity as a parent holding company with respect to the holdings of the following AXA entity or entities:

AXA Rosenberg Investment Management LLC

- (X) in AXA Financial, Inc.'s capacity as a parent holding company with respect to the holdings of the following subsidiaries:
- (X) Alliance Capital Management L.P. (13-3434400), an investment adviser registered under Section 203 of the Investment Advisers Act of 1940.
- (X) AXA Equitable Life Insurance Company (13-5570651), an insurance company and an investment adviser registered under Section 203 of the Investment Advisers Act of 1940.

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- Item 8. Identification and Classification of Members of the Group. N/A
- Item 9. Notice of Dissolution of Group:

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 in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes 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: April 10, 2006 AXA FINANCIAL, INC.*

/s/ Alvin H. Fenichel

Alvin H. Fenichel Senior Vice President and Controller

^{*}Pursuant to the Joint Filing Agreement with respect to Schedule 13G attached hereto as Exhibit I, among AXA Financial, Inc., AXA Assurances I.A.R.D Mutuelle, AXA Assurances Vie Mutuelle, AXA Courtage Assurance Mutuelle, and AXA, this statement Schedule 13G is filed on behalf of each of them.