

CLAY HARRIS

Form 4

October 13, 2006

FORM 4
UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Check this box
if no longer
subject to
Section 16.
Form 4 or
Form 5
obligations
may continue.
See Instruction
1(b).

**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(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB
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(Print or Type Responses)

1. Name and Address of Reporting Person *
CLAY HARRIS

(Last) (First) (Middle)

C/O ADE CORPORATION, 80
WILSON WAY

(Street)

WESTWOOD, MA 02090

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol
ADE CORP [ADEX]

3. Date of Earliest Transaction
(Month/Day/Year)
10/11/2006

4. If Amendment, Date Original
Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

☒ Director ☐ 10% Owner
☐ Officer (give title below) ☐ Other (specify below)

6. Individual or Joint/Group Filing(Check
Applicable Line)
☒ 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. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction 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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	10/11/2006		D		803,769	D	<u>11</u> 0

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

**Persons who respond to the collection of
information contained in this form are not
required to respond unless the form
displays a currently valid OMB control
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SEC 1474
(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

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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. Transaction 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 (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Amount or Number of Shares (Instr. 3 and 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 21.97	10/11/2006		D		5,000		<u>(2)</u>	09/21/2015	Common Stock	5,000
Stock Option (Right to Buy)	\$ 20.74	10/11/2006		D		10,000		<u>(3)</u>	05/18/2015	Common Stock	10,000

Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
CLAY HARRIS C/O ADE CORPORATION 80 WILSON WAY WESTWOOD, MA 02090	X

Signatures

/s/ Clay Harris 10/13/2006
 **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) Disposed of pursuant to merger agreement between issuer and KLA-Tencor Corporation in exchange for \$32.50 per share on the effective date of the merger.
- (2) This option, which provided for vesting in equal installments annually over a five year period, was canceled in the merger in exchange for a cash payment of \$52,650 representing the difference between the exercise price of the option and \$32.50.
- (3) This option, which provided for vesting in equal installments quarterly over a five year period, was canceled in the merger in exchange for a cash payment of \$117,600 representing the difference between the exercise price of the option and \$32.50.

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.