

ROVATTI JOSEPH E  
Form 4  
October 13, 2006

**FORM 4**

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

OMB APPROVAL

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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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
ROVATTI JOSEPH E

(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)  
10/06/2006

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)  
Controller

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)			
				(A) or (D)	Price					
Common Stock	10/06/2006		M	V	1,350	A	\$ 15.77	1,350	D	
Common Stock	10/06/2006		M	V	1,750	A	\$ 17.06	3,100	D	
Common Stock	10/06/2006		S	V	3,100	D	\$ 32.45	0	D	

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

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number.

**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. 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
Employee Stock Option (right to buy)	\$ 15.77	10/06/2006		M	1,350	<u>(1)</u> 08/26/2013	Common Stock	1,350
Employee Stock Option (right to buy)	\$ 17.06	10/06/2006		M	1,750	<u>(2)</u> 11/17/2009	Common Stock	1,750
Employee Stock Option (right to buy)	\$ 15.77	10/11/2006		D	900	<u>(3)</u> 08/26/2013	Common Stock	900

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ROVATTI JOSEPH E C/O ADE CORPORATION 80 WILSON WAY WESTWOOD, MA 02090			Controller	

## Signatures

/s/ Joseph E. Rovatti 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) The option vested in equal installments quarterly over a five year period from August 2003 to August 2008.

(2) The option vested in equal installments quarterly over a five year period from November 1999 to November 2004.

This option, which provided for vesting in equal installments quarterly over a five year period beginning in August 2003, was assumed by

(3) KLA-Tencor Corporation ("KLA-Tencor") in the merger between the issuer and KLA-Tencor and replaced with an option to purchase 629 shares of KLA-Tencor common stock for \$22.54 per share.

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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