

ROVATTI JOSEPH E

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  
Number: 3235-0287  
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2005  
Estimated average  
burden hours per  
response... 0.5

(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  
\_\_X\_\_ Officer (give title below) \_\_\_\_ Other (specify  
below)

Controller

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<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities Acquired<br>(A) or Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Ownership<br>(Instr. 4) |
|---------------------------------------|---|---|--------------------------------------|---|--|--|---|
|                                       |   |   | Code                                 | V   | Amount   | (A)<br>or<br>(D)   | Price                                   |
| Common<br>Stock                       | 10/06/2006                              |   | M                                    |   | 1,350  | A  | \$<br>15.77                             |
| Common<br>Stock                       | 10/06/2006                              |   | M                                    |   | 1,750  | A  | \$<br>17.06                             |
| Common<br>Stock                       | 10/06/2006                              |   | S                                    |   | 3,100  | D  | \$<br>32.45                             |
|                                       |   |   |                                      |   | 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**

SEC 1474  
(9-02)

number.

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

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4.<br>Transaction<br>Code<br>(Instr. 8) | 5. Number<br>of Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed of<br>(D)<br>(Instr. 3, 4,<br>and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |     | 7. Title and Amount of<br>Underlying Securities<br>(Instr. 3 and 4) |                    | 8.<br>D<br>S<br>(I |  |
|---|---|---|---|---|---|--|-----|---|--------------------|--------------------|--|
|   |   |   |   | Code                                    | V   | (A)  | (D) | Date<br>Exercisable   | Expiration<br>Date | Title              | Amount<br>or<br>Number<br>of<br>Shares |
| Employee<br>Stock<br>Option<br>(right to<br>buy)    | \$ 15.77  | 10/06/2006                              |   | M                                       |   | 1,350  |     | <u>(1)</u>  | 08/26/2013         | Common<br>Stock    | 1,350                                  |
| Employee<br>Stock<br>Option<br>(right to<br>buy)    | \$ 17.06  | 10/06/2006                              |   | M                                       |   | 1,750  |     | <u>(2)</u>  | 11/17/2009         | Common<br>Stock    | 1,750                                  |
| Employee<br>Stock<br>Option<br>(right to<br>buy)    | \$ 15.77  | 10/11/2006                              |   | D                                       |   | 900  |     | <u>(3)</u>  | 08/26/2013         | Common<br>Stock    | 900                                    |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |            |       |
|--|---------------|-----------|------------|-------|
|  | Director      | 10% Owner | Officer    | Other |
| ROVATTI JOSEPH E<br>C/O ADE CORPORATION<br>80 WILSON WAY<br>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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