

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

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

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information contained in this form are not
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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 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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