

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| OMB APPROVAL | |
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| 1. Name and Address of Reporting Person* <u>RAINVILLE WILLIAM A</u> (Last) (First) (Middle) KADANT INC. ONE TECHNOLOGY PARK DRIVE (Street) WESTFORD MA 01886 (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>KADANT INC [KAI]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) Chief Executive Officer |
| | 3. Date of Earliest Transaction (Month/Day/Year) 12/10/2007 | |
| 4. If Amendment, Date of Original Filed (Month/Day/Year) | | |

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 Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|---------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 12/10/2007 | | M | | 1,600 | A | \$16 | 146,686 | D | |
| Common Stock | 12/10/2007 | | S | | 1,600 | D | \$31.04 | 145,086 | D | |
| Common Stock | 12/10/2007 | | M | | 100 | A | \$16 | 145,186 | D | |
| Common Stock | 12/10/2007 | | S | | 100 | D | \$31.03 | 145,086 | D | |
| Common Stock | 12/10/2007 | | M | | 200 | A | \$16 | 145,286 | D | |
| Common Stock | 12/10/2007 | | S | | 200 | D | \$31.02 | 145,086 | D | |
| Common Stock | 12/10/2007 | | M | | 100 | A | \$16 | 145,186 | D | |
| Common Stock | 12/10/2007 | | S | | 100 | D | \$31.01 | 145,086 | D | |
| Common Stock | 12/10/2007 | | M | | 14,400 | A | \$16 | 159,486 | D | |
| Common Stock | 12/10/2007 | | S | | 14,400 | D | \$31 | 145,086 | D | |
| Common Stock | 12/11/2007 | | M | | 100 | A | \$16 | 145,186 | D | |
| Common Stock | 12/11/2007 | | S | | 100 | D | \$31.28 | 145,086 | D | |
| Common Stock | 12/11/2007 | | M | | 100 | A | \$16 | 145,186 | D | |
| Common Stock | 12/11/2007 | | S | | 100 | D | \$31.22 | 145,086 | D | |
| Common Stock | 12/11/2007 | | M | | 200 | A | \$16 | 145,286 | D | |
| Common Stock | 12/11/2007 | | S | | 200 | D | \$31.2 | 145,086 | D | |
| Common Stock | 12/11/2007 | | M | | 200 | A | \$16 | 145,286 | D | |
| Common Stock | 12/11/2007 | | S | | 200 | D | \$31.19 | 148,086 | D | |
| Common Stock | 12/11/2007 | | M | | 300 | A | \$16 | 145,386 | D | |
| Common Stock | 12/11/2007 | | S | | 300 | D | \$30.18 | 145,086 | D | |
| Common Stock | 12/11/2007 | | M | | 100 | A | \$16 | 145,186 | D | |
| Common Stock | 12/11/2007 | | S | | 100 | D | \$31.17 | 145,086 | D | |
| Common Stock | 12/11/2007 | | M | | 100 | A | \$16 | 145,186 | D | |
| Common Stock | 12/11/2007 | | S | | 100 | D | \$31.16 | 145,086 | D | |
| Common Stock | 12/11/2007 | | M | | 200 | A | \$16 | 145,286 | D | |
| Common Stock | 12/11/2007 | | S | | 200 | D | \$31.15 | 145,086 | D | |
| Common Stock | 12/11/2007 | | M | | 100 | A | \$16 | 145,186 | D | |
| Common Stock | 12/11/2007 | | S | | 100 | D | \$31.13 | 145,086 | D | |
| Common Stock | 12/11/2007 | | M | | 100 | A | \$16 | 145,186 | D | |
| Common Stock | 12/11/2007 | | S | | 100 | D | \$31.12 | 145,086 | D | |

**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 Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|--------|--|-----------------|---|----------------------------|--|--|---|--|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |
| Employee Stock Option (Right To Buy) | \$16 | 12/10/2007 | | M | | | 16,400 | 05/16/2002 | 05/16/2009 | Common Stock | 183,600 | \$0 | 183,600 | D | |
| Employee Stock Option (Right To Buy) | \$16 | 12/11/2007 | | M | | | 1,500 | 05/16/2002 | 05/16/2009 | Common Stock | 1,500 | \$0 | 182,100 | D | |

Explanation of Responses:

Remarks:

THE TRANSACTIONS REPORTED ON THIS FORM 4 WERE EXECUTED PURSUANT TO A RULE 10b5-1 TRADING PLAN.

by Sandra L. Lambert for
William A. Rainville

12/12/2007

** Signature of Reporting Person

Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.