

VEECO INSTRUMENTS INC

Reported by
REIN JOHN F JR

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 06/12/06 for the Period Ending 06/09/06

| | |
|-------------|---|
| Address | TERMINAL DRIVE PLAINVIEW, NY 11803 |
| Telephone | 516 677-0200 |
| CIK | 0000103145 |
| Symbol | VECO |
| SIC Code | 3559 - Special Industry Machinery, Not Elsewhere Classified |
| Industry | Semiconductors |
| Sector | Technology |
| Fiscal Year | 12/31 |

FORM 4

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

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

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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(f) of the
Investment Company Act of 1940

| | | |
|--|---|---|
| 1. Name and Address of Reporting Person * | 2. Issuer Name and Ticker or Trading Symbol | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |
| REIN JOHN F JR | VEECO INSTRUMENTS INC [VECO] | <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner |
| (Last) (First) (Middle) | 3. Date of Earliest Transaction (MM/DD/YYYY) | <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) |
| VEECO INSTRUMENTS INC., 100 SUNNYSIDE BOULEVARD, SUITE B | 6/9/2006 | Exec. VP, CFO & Secretary |
| (Street) | 4. If Amendment, Date Original Filed (MM/DD/YYYY) | 6. Individual or Joint/Group Filing (Check Applicable Line) |
| WOODBURY, NY 11797 | | <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person |
| (City) (State) (Zip) | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Trans. Date | 2A. Deemed Execution Date, if any | 3. Trans. 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 | 6/9/2006 | | A | 15000 (1) A \$0 | 20453 | D | |

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

| 1. Title of Derivate Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Trans. Date | 3A. Deemed Execution Date, if any | 4. Trans. 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 | 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 of Derivative Security: 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 | | | | |
| Stock Option (Right to Purchase) | \$23.61 | 6/9/2006 | | A | 15000 | (2) 6/8/2013 | common stock 15000 | \$23.61 | 15000 | D | |

Explanation of Responses:

- (1) These shares were acquired pursuant to a restricted stock award under the Veeco Instruments Inc. 2000 Stock Incentive Plan and are subject to certain restrictions. These restrictions shall lapse with respect to 1/3 of such shares on each of the first, second and third anniversaries of the date of grant.
- (2) The option becomes exercisable in 33 1/3% increments on the first, second and third anniversaries of the grant date.

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| REIN JOHN F JR VEECO INSTRUMENTS INC., 100 SUNNYSIDE BOULEVARD, SUITE B | | | Exec. VP, CFO & Secretary | |

| | | | | |
|--------------------|--|--|--|--|
| WOODBURY, NY 11797 | | | | |
|--------------------|--|--|--|--|

Signatures**Gregory A. Robbins, Attorney-in-fact****6/12/2006**

** 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 control number.