ROSENBAUM LEONARD A

Form 4

August 31, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

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OMB APPROVAL

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if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

| 1. Name and Address of Report ROSENBAUM LEONAR | _ | 2. Issuer Name and Ticker or Trading Symbol CVD EQUIPMENT CORP [CVV] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) _X_ Director 10% OwnerX_ Officer (give title Other (specify below) CEO, President | | |
|--|----------|---|--|--|--|
| (Last) (First) C/O CVD EQUIPMENT CORPORATION, 1860 SMITHTOWN AVE. | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 08/31/2011 | | | |
| (Street) | | 4. If Amendment, Date Original Filed(Month/Day/Year) | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting | | |

RONKONKOMA, NY 11779

(State)

(City)

| (City) | (State) | Table Table | e I - Non-D | erivative | Secur | ities Acq | uired, Disposed of | f, or Beneficial | y 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. Securi on(A) or D (Instr. 3, | (A) or | d of (D) | 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) |
| Common Stock | 08/31/2011 | | S | 7,200 | D | \$ 19.15 | 1,255,730 | D | |
| Common Stock | 08/31/2011 | | S | 1,000 | D | \$ 18.67 | 1,254,730 | D | |

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

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Person

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

| 1. Title of Derivative | 2. Conversion | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if | 4. Transacti | 5. orNumber | 6. Date Exerc Expiration D | | 7. Title Amount | | 8. Price of Derivative | 9. Nu Deriv |
|------------------------|--|--------------------------------------|-------------------------------|--------------------|----------------|-------------------------------|--------------------|----------------------------------|--|------------------------|---|
| Security (Instr. 3) | or Exercise Price of Derivative Security | (Month/Day/Tear) | any (Month/Day/Year) | Code (Instr. 8) | of | (Month/Day/ | | Underly Securiti (Instr. 3 | ying ies | Security (Instr. 5) | Secur Bene Owne Follo Repo Trans (Instr |
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title N | Amount or Number of Shares | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|---|---------------|-----------|-------------------|-------|--|--|--|
| coporting of the rando, randous | Director | 10% Owner | Officer | Other | | | |
| ROSENBAUM LEONARD A C/O CVD EQUIPMENT CORPORATION 1860 SMITHTOWN AVE. RONKONKOMA, NY 11779 | X | | CEO, President | | | | |

Signatures

Leonard A.

Rosenbaum 08/31/2011 **Signature of Reporting 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).

This price represents the weighted average purchase price for multiple transactions reported on this line. The per share prices of the transactions on this line ranged from \$18.35 to \$19.15. Upon request by the SEC staff, the Issuer or a security holder of the Issuer, the Reporting Person will undertake to provide full information regarding the number of shares and prices at which the transactions were effected. These sales were made pursuant to a 10b5-1 Plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Reporting Owners 2