FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL 3235-0287 OMB Number:

Estimated average burden hours per response 0.5

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

| 1. Name and Address of Reporting Person* | 2. Issuer Name and Ticker or Trading Symbol <u>Cryoport, Inc.</u> [CYRX.OB] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | | |
|---|---|--|--|--|--|--|--|
| RATHMANN RICHARD G | | X Director 10% Owner | | | | | |
| · | | Officer (give title Other (specify | | | | | |
| (Last) (First) (Middle) 20382 BARENTS SEA CIRCLE | 3. Date of Earliest Transaction (Month/Day/Year) 11/14/2013 | below) below) | | | | | |
| (Street) | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | |
| LAKE FOREST CA 92630 | | X Form filed by One Reporting Person 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. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transac Code (Ir 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) | Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership |
|---------------------------------|--|---|---------------------------------|---|--|---|-------|--|---|---|
| | | | Code | v | Amount (A) or (D) Price | | Price | (Instr. 3 and 4) | | (Instr. 4) |
| Common Stock | 11/14/2013 | | J ⁽¹⁾ | | 122,778 | D | (1) | 1,523,425 ⁽³⁾ | 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. Transac Code (Ir 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | Derivative | 9. Number of derivative Securities Beneficially Owned Following Reported | 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 | | Transaction(s) (Instr. 4) | | |
| Warrants to Purchase Common Stock | \$0.37 | 11/14/2013 | | J ⁽¹⁾ | | | 122,778 | 03/31/2014 | 09/27/2018 | Common Stock | 122,778 | (1) | 2,448,252 ⁽²⁾ | D | |

Explanation of Responses:

1. On November 14, 2013, the reporting person rescinded a transaction that occurred on September 27, 2013, in which the reporting person had acquired 122,778 units pursuant to the conversion of \$22,556 of outstanding board of director's fees at an exchange rate of \$0.20 per unit. Each unit consisted of one share of common stock and one warrant to purchase one share of common stock. Such conversion of outstanding board of director's fees were at the same exchange rate and on the same terms as provided by Cryoport, Inc. to certain institutional and accredited investors in a conversion of outstanding unsecured convertible promissory notes into units which closed contemporaneously with such conversion of outstanding board of director's fees.

2. Includes direct ownership of options to purchase 180,000 shares of common stock and warrants to purchase 509,726 shares of common stock. Also includes indirect ownership by GBR Investments, LLC of warrants to purchase 1,758,526 shares of common stock

3. Includes direct ownership of 509,726 shares of common stock and indirect ownership of 1,013,699 shares of common stock by GBR Investments, LLC.

/s/Richard G Rathmann

** Signature of Reporting Person

12/04/2013 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.

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