## FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB Number: 3235-0287

Estimated average burden hours per response: 0.5

| Check this box if no longer subject to<br>Section 16. Form 4 or Form 5 obligations<br>may continue. See Instruction 1(b). |  |
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| 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<br>MULLER KAI | 1 0                   |          | 2. Issuer Name <b>and</b> Ticker or Trading Symbol<br><u>Cryoport, Inc.</u> [ CYRX.OB ] | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable) |  |                       |  |  |  |
|-----------------------------------|-----------------------|----------|---|--|--|-----------------------|--|--|--|
| MULLER KAI                        |                       |          |   | X  | Director   | 10% Owner             |  |  |  |
|                                   |                       |          |   |  | Officer (give title                                      | Other (specify below) |  |  |  |
| (Last)<br>20382 BARENTS           | (First)<br>SEA CIRCLE | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)<br>10/09/2012                          |  | 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 Reportin<br>Form filed by More than On | -                     |  |  |  |
| (City)                            | (State)               | (Zip)    |   |  |  |                       |  |  |  |

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

| ······································ | 2. Transaction<br>Date<br>(Month/Day/Year) | Execution Date, | 3.<br>Transac<br>Code (Ir<br>8) |   | 4. Securities Acquired (A) or<br>Disposed Of (D) (Instr. 3, 4 and 5) |               |       | Securities | Form: Direct (D)<br>or Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|--|--|-----------------|---------------------------------|---|--|---------------|-------|------------|---|---|
|  |  |                 | Code                            | v | Amount   | (A) or<br>(D) | Price | 3 and 4)   |   | (1130.4)  |

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

| 1. Title of<br>Derivative<br>Security (Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transac<br>Code (Ir<br>8) |   | 5. Number<br>Derivativ<br>Securitie<br>Acquired<br>Disposed<br>(Instr. 3, 4<br>5) | e<br>s<br>(A) or<br>i of (D) | Expiration Date<br>(Month/Day/Year)<br>A) or<br>of (D) |                    | 7. Title and Amount of<br>Securities Underlying<br>Derivative Security (Instr. 3<br>and 4) |                                  | Derivative | Reported                     |   | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|--|---|--|---|---------------------------------|---|---|------------------------------|--|--------------------|--|----------------------------------|------------|------------------------------|---|--|
|  |   |  |   | Code                            | v | (A)   | (D)                          | Date<br>Exercisable                                    | Expiration<br>Date | Title  | Amount or<br>Number of<br>Shares |            | Transaction(s)<br>(Instr. 4) |   |  |
| Option to<br>Purchase<br>Common Stock            | \$0.17  | 10/09/2012                                 |   | A                               |   | 125,000   |                              | 10/09/2012   | 10/09/2022         | Common<br>Stock  | 125,000                          | \$0.17     | 441,438                      | D |  |

Explanation of Responses:

Karen M. Muller

\*\* Signature of Reporting Person Date

10/11/2012

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

 $^{\star}$  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.

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