



DIVISION OF  
CORPORATION FINANCE

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549-0404

July 28, 2008

Mail Stop 7010

**Via U.S. mail and facsimile**

Mr. Peter Berry, Chief Executive Officer  
CryoPort, Inc.  
20382 Barents Sea Circle  
Lake Forest, CA 92630

Re: CryoPort, Inc.  
Registration Statement on Form S-1  
File No.: 333-152329  
Filed on: July 14, 2008

Dear Mr. Berry:

We have limited our review of the above-captioned filing to those issues we have addressed in our comments. Where indicated, we think you should revise your document in response to these comments. If you disagree, we will consider your explanation as to why our comment is inapplicable or a revision is unnecessary. Please be as detailed as necessary in your explanation.

Please understand that the purpose of our review process is to assist you in your compliance with the applicable disclosure requirements and to enhance the overall disclosure in your filing. We look forward to working with you in these respects. We welcome any questions you may have about our comments or any other aspect of our review. Feel free to call us at the telephone numbers listed at the end of this letter.

**Security Ownership of Certain Beneficial Owners and Management, page 38**

1. The information included in the security ownership table on page 38 is dated as of June 27, 2008. However, the information in the table does not reconcile with security ownership disclosure that is included in your Form 10-K, which is also dated as of June 27, 2008. For example, the security ownership of BridgePointe Master Fund and Enable Growth Partners has been omitted from this discussion in the registration statement. However, the disclosure is included in the Form 10-K. Please reconcile and update the disclosure. In the column reflecting the percentage of shares beneficially owned, please provide the percentage without regard to any conversion caps.

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Selling Stockholders, page 40

2. Please reconcile the 11,771,704 shares held by BridgePointe Master Fund as shown in the security ownership table on page 40 with the 5,215,496 shares held by it as disclosed in the Form 10-K.

General

As appropriate, please amend your registration statement in response to these comments. You may wish to provide us with marked copies of the amendment to expedite our review. Please furnish a cover letter with your amendment that keys your responses to our comments and provides any requested information. Detailed cover letters greatly facilitate our review. Please understand that we may have additional comments after reviewing your amendment and responses to our comments.

We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes all information required under the Securities Act of 1933 and that they have provided all information investors require for an informed investment decision. Since the company and its management are in possession of all facts relating to a company's disclosure, they are responsible for the accuracy and adequacy of the disclosure they have made.

Notwithstanding our comments, in the even the company requests acceleration of the effective date of the pending registration statement, it should furnish a letter, at the time of such request, acknowledging that:

- should the Commission or the staff, acting pursuant to delegated authority, declare the filing effective, it does not foreclose the Commission from taking any action with respect to the filing;
- the action of the Commission or the staff, acting pursuant to delegated authority, in declaring the filing effective, does not relieve the company from its full responsibility for the adequacy and accuracy of the disclosure in the filing; and
- the company may not assert staff comments and the declaration of effectiveness as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

In addition, please be advised that the Division of Enforcement has access to all information you provide to the staff of the Division of Corporation Finance in connection with our review of your filing or in response to our comments on your filing.

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We will consider a written request for acceleration of the effective date of the registration statement as confirmation of the fact that those requesting acceleration are aware of their respective responsibilities under the Securities Act of 1933 and the Securities Exchange Act of 1934 as they relate to the proposed public offering of the securities specified in the above registration statement. We will act on the request and, pursuant to delegated authority, grant acceleration of the effective date.

We direct your attention to Rules 460 and 461 regarding requesting acceleration of a registration statement. Please allow adequate time after the filing of any amendment for further review before submitting a request for acceleration. Please provide this request at least two business days in advance of the requested effective date.

You may contact Dorine H. Miller, Financial Analyst at (202) 551-3711 or, in her absence, contact Brigitte Lippmann, Attorney at (202) 551-3713.

Sincerely,

Pamela A. Long  
Assistant Director

cc: Marc J. Ross, Esq.  
Sichenzia Ross Friedman Ference LLP  
61 Broadway  
New York, NY 10006