



DIVISION OF
CORPORATION FINANCE
Mail Stop 3030

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

May 12, 2010

Via U.S. Mail and Facsimile

Curtis E. Hall, Esq.
Vice President and General Counsel
Stryker Corporation
2825 Airview Boulevard
Kalamazoo, MI 49002

Re: Stryker Corporation
Form 10-K for the fiscal year ended December 31, 2009
Filed February 26, 2010
File No. 000-09165

Dear Mr. Hall:

We have reviewed your filing and have the following comment. Where indicated, we think you should revise your future filing in response to this comment. If you disagree, we will consider your explanation as to why our comment are inapplicable or a revision is unnecessary. Please be as detailed as necessary in your explanation. In our comment, we may ask you to provide us with information so we may better understand your disclosure. After reviewing this information, we may raise additional comments.

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 filings. 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.

1. Based upon our review of the Part III information that you have incorporated by reference from your proxy statement into your Form 10-K, it does not appear that you included any disclosure in response to Item 402(s) of Regulation S-K in your proxy statement. Please advise us of the basis for your conclusion that such disclosure was not necessary and describe the process you undertook to reach that conclusion.

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As appropriate, please respond to this comment within 10 business days or tell us when you will provide us with a response. Please furnish a cover letter with your response that keys your response to our comment and provides any requested information. Detailed cover letters greatly facilitate our review.

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 Exchange Act of 1934 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 disclosures they have made.

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 our review of your filing or in response to our comments on your filing.

Please contact Gabriel Eckstein at (202) 551-3286 or me at (202) 551-3635 if you have any questions.

Sincerely,

Tim Buchmiller
Senior Attorney