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

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported):

May 28, 2010

Integra LifeSciences Holdings Corporation

\_\_\_\_\_  
(Exact name of registrant as specified in its charter)

Delaware

000-26244

510317849

\_\_\_\_\_  
(State or other jurisdiction  
of incorporation)

\_\_\_\_\_  
(Commission  
File Number)

\_\_\_\_\_  
(I.R.S. Employer  
Identification No.)

311 Enterprise Drive, Plainsboro, New Jersey

08536

\_\_\_\_\_  
(Address of principal executive offices)

\_\_\_\_\_  
(Zip Code)

Registrant's telephone number, including area code:

609-275-0500

Not Applicable

\_\_\_\_\_  
Former name or former address, if changed since last report

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 2.03 Creation of a Direct Financial Obligation or an Obligation under an Off-Balance Sheet Arrangement of a Registrant.**

On May 28, 2010, Integra LifeSciences Holdings Corporation (the "Company") borrowed \$75 million under its senior secured revolving credit facility. As a result of this borrowing, the Company has \$220 million of outstanding borrowings under its credit facility as of the date of this filing. The Company plans to use the funds to repay the Company's 2.75% Senior Convertible Notes due 2010 upon conversion or maturity.

The outstanding borrowings have one-month and three-months interest periods. The weighted average interest rate of the outstanding borrowings is approximately 1.10%.

The credit facility requires the Company to maintain various financial covenants, including leverage ratios, a minimum fixed charge coverage ratio and a minimum liquidity ratio. The credit facility also contains customary affirmative and negative covenants, including those that limit the Company's and its subsidiaries' ability to incur additional debt, incur liens, make investments, enter into mergers and acquisitions, liquidate or dissolve, sell or dispose of assets, repurchase stock and pay dividends, engage in transactions with affiliates, engage in certain lines of business and enter into sale and leaseback transactions.

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

June 1, 2010

Integra LifeSciences Holdings Corporation

By: */s/ Stuart M. Essig*

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*Name: Stuart M. Essig*

*Title: President and Chief Financial Officer*