

MEDICINES CO /DE  
Form 8-K  
December 11, 2006

**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): **December 9, 2006**

**The Medicines Company**  
(Exact Name of Registrant as Specified in Charter)

**Delaware**  
(State or Other Jurisdiction  
of Incorporation)

**000-31191**  
(Commission  
File Number)

**04-3324394**  
(IRS Employer  
Identification No.)

**8 Campus Drive**  
**Parsippany, New Jersey**  
(Address of Principal Executive Offices)

**07054**  
(Zip Code)

Registrant's telephone number, including area code: **(973) 656-1616**

(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 (*see* General Instruction A.2. below):

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 8.01 Other Events**

The principal U.S. patent that covers The Medicines Company's (the Company) product, Angiomax® (bivalirudin), expires in 2010. The United States Patent and Trademark Office (the PTO) has rejected the Company's application under the Hatch Waxman Act for an extension of the term of the patent beyond 2010 because the application was not filed on time by our counsel.

On December 6, 2006, the United States House of Representatives passed a bill that, if enacted, would provide the PTO with discretion to consider patent extension applications filed late unintentionally under the Hatch Waxman Act. On December 9, 2006, the United States Senate adjourned without considering this bill. The Company is hopeful that the new Congress will consider similar legislation in the next session. The Company can provide no assurance that a bill will be introduced or enacted or that, if it is enacted, the PTO will consider the Company's application or that the Company will be successful in extending the term of the patent.

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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.

THE MEDICINES COMPANY

Date: December 11, 2006

By:

/s/ Glenn P Sblendorio  
Glenn P. Sblendorio  
Executive Vice President and Chief Financial Officer

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