BAYER AKTIENGESELLSCHAFT Form 6-K May 03, 2006

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of May 2006

Commission File Number: 001-16829

Bayer Aktiengesellschaft Bayer Corporation*

(Translation of registrant's name into English)

Bayerwerk, Gebaeude W11 Kaiser-Wilhelm-Allee 51368 Leverkusen Germany

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F. Form 20-F ý Form 40-F o
Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):
Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):
Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934. Yes o No \circ
If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82
* Rayer Corporation is also the name of a wholly owned subsidiary of the registrant in the United States

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Exhibit List	Description
99.1	English translation of Bayer AG Conference Call, April 27, 2006
99.2	English translation of Bayer AG Annual Stockholders' Meeting summary posted on Bayer AG's intranet
99.3	Bayer AG 2006 Stockholders' Newsletter

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SIGNATURE

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, thereunto duly authorized.

BAYER AKTIENGESELLSCHAFT (REGISTRANT)

By: /s/ DR. ROLAND HARTWIG

Name: Dr. Roland Hartwig Title: General Counsel

By: /s/ DR. ALEXANDER ROSAR

Name: Dr. Alexander Rosar Title: Head of Investor Relations

Date: May 2, 2006

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