BAYER AKTIENGESELLSCHAFT Form S-8 POS

September 27, 2007

As filed with the Securities and Exchange Commission on September 27, 2007

Registration No. 333-83078

SECURITIES AND EXCHANGE COMMISSION	
WASHINGTON, D.C. 20549	
POST-EFFECTIVE AMENDMENT NO. 1	
то	
FORM S-8	
REGISTRATION STATEMENT	
UNDER	
THE SECURITIES ACT OF 1933	
Bayer Aktiengesellschaft	
(Exact Name of Registrant as specified in its charter)	
Bayer Corporation*	
(Translation of Registrant s name into English)	
Federal Republic of Germany (Jurisdiction of incorporation or organization)	Not Applicable
(Junistiction of incorporation of organization)	(I.R.S. Employer Identification No.)
Bayerwerk, Gebäude W11	
Kaiser-Wilhelm-Allee	
51368 Leverkusen, GERMANY	
(Address of principal executive offices)	

(Full Title of the Plan)		
George Lykos		
Bayer Corporation SVP,		
Chief Legal Officer		
and Secretary		
Bayer Corporation		
100 Bayer Road		
Pittsburgh, Pennsylvania 15205-9741		
(412) 777-2000		
(Name, address and telephone number, including area code, of agent for service)		
* Bayer Corporation is also the name of a wholly-owned subsidiary of the Registrant in the United States.		
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On February 20, 2002, Bayer Aktiengesellschaft (the Registrant) filed with the Securities and Exchange Commission the (SEC) a Registration Statement on Form S-8 (Registration Statement 333-83078) (the Form S-8) registering 10,000 warrants and 1,000,000 ordinary shares of the Registrant of no par value (the Shares) to be issued to participants under the Bayer Corporation Share Incentive Plan (the Plan) in the form of American Depositary Shares (ADSs).

On September 5, 2007, the Registrant announced its intention to file for delisting of its ADSs from the New York Stock Exchange (NYSE), thereby terminating its reporting obligations under NYSE s rules. It also announced its intention to deregister its ordinary shares under Section 12(g) of the Securities Exchange Act of 1934, as amended (the Exchange Act), thereby terminating its duty to file reports under Section 13(a) or Section 15(d) of the Exchange Act with the SEC.

As of the date hereof, the Registrant estimates that approximately all 10,000 warrants and 1,000,000 Shares registered in connection with the Plan remain unsold. This Post-Effective Amendment No. 1 to Registration Statement No. 333-83078 is being filed in order to deregister all warrants and Shares registered under the Form S-8 remaining unsold under the Plan.

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Post-Effective Amendment No. 1 to the Registration Statement on Form S-8 (Registration No. 333-83078) to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Leverkusen, on September 20, 2007.

By: /s/ Dr. Roland Hartwig

Name: Dr. Roland Hartwig

Title: General Counsel

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 1 to Registration Statement on Form S-8 (No. 333-83078) has been signed by the following persons on the dates and in the capacities indicated below.

Name	Title	Date
/s/ Werner Wenning	Chairman, Board of Management	September 26, 2007
Werner Wenning	(Director and Principal Executive	
	Officer)	
/s/ Klaus Kühn	Member, Board of Management and	September 26, 2007
	Chief Financial Officer	
Klaus Kühn	(Director, Principal Accounting	
	Officer and Principal Financial	
	Officer)	
/s/ Dr. Wolfgang Plischke	Member, Board of Management	September 26, 2007
Dr. Wolfgang Plischke	(Director)	
/s/ Dr. Richard Pott	Member, Board of Management	September 26, 2007
Dr. Richard Pott	(Director)	
/s/ George Lykos	Authorized Representative in the	September 19, 2007
	United States	
George Lykos	(Bayer Corporation SVP, Chief	
	Legal Officer and Secretary)	