CATERPILLAR INC Form S-8 April 13, 2006

#### As filed with the Securities and Exchange Commission on April 13, 2006

Registration No. 333-

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

**WASHINGTON, D.C. 20549** 

#### FORM S-8

#### REGISTRATION STATEMENT UNDER THE

**SECURITIES ACT OF 1933** 

#### CATERPILLAR INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware 37-0602744

(State of Incorporation)

(IRS Employer Identification No.)

100 NE Adams Street Peoria, Illinois 61629

(Address of Principal Executive Offices)

Caterpillar 401(k) Plan

(Full Title of the Plan)

James B. Buda
Vice President, Secretary and General Counsel
Caterpillar Inc.
100 NE Adams Street
Peoria, IL 61629-7310
(309) 675-4429

(Name, Address and Telephone Number, Including Area Code, of Agent for Service)

#### CALCULATION OF REGISTRATION FEE

Title of securities	Amount to	Proposed maximum	Proposed maximum	Amount of

to be registered	be registered	offering price per share	aggregate offering price	registration fee
Common Stock par value 1.00	50,000,000 shares(1)	\$ 75.3550(2)	\$3,767,750,000	\$403,149.25

- (1) Pursuant to Rule 416(c) under the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement also covers an indeterminate amount of interests to be offered or sold pursuant to the Caterpillar 401(k) Plan (the "Plan"). In addition, this Registration Statement covers an indeterminate amount of additional securities that may be issued under the Plan pursuant to the anti-dilution provisions of the Plan.
- (2) Estimated solely for the purposes of calculating the registration fee, computed pursuant to Rules 457(c) and (h) under the Securities Act on the basis of the average of the high and low sales prices of a share of Caterpillar Inc. Common Stock, as reported on the New York Stock Exchange Composite Transactions System on April 7, 2006.

#### Part I

#### EXPLANATORY NOTE

This Registration Statement on Form S-8 is being filed for the purpose of registering an additional 50,000,000 shares of the Registrant's Common Stock to be issued pursuant to the Caterpillar 401(k) Plan, as amended (the "Plan"). In accordance with Section E of the General Instructions to Form S-8, the Registrant and the Plan hereby incorporate by reference the contents of the previous Registration Statement filed by the Registrant and the Plan on Form S-8, as amended by Post-Effective Amendment No. 1 to Form S-8 (Registration No. 333-111355).

#### Part II

#### INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

#### Item 8. Exhibits.

The following is a complete list of exhibits filed as a part of this Registration Statement:

Exhibit No. Description

23.1 Consent of PricewaterhouseCoopers LLP

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#### **SIGNATURES**

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant certifies that it has reasonable grounds to believe that it meets all the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Peoria, and the State of Illinois.

#### CATERPILLAR INC.

(Registrant)

April 13, 2006 By: /s/James B. Buda

James B. Buda, Secretary

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

April 13, 2006	/s/James W. Ownes	Chairman of the Board, Director and Chief Executive Officer
	(James W. Owens)	
April 13, 2006	/s/ Stu L. Levenick	Group President
	(Stu L. Levenick)	
April 13, 2006	/s/.Douglas R. Oberhelman	Group President
	(Douglas R. Oberhelman)	
April 13, 2006	/s/Gerald L. Shaheen	Group President
	(Gerald L. Shaheen)	
April 13, 2006	/s/Gerard R. Vittecoq	Group President
	(Gerard R. Vittecoq)	
April 13, 2006	/s/Steven H. Wunning	Group President
	(Steven H. Wunning)	Vice President and
April 13, 2006	/s/David B. Burritt	Chief Financial Officer

(David B. Burritt)

(Bradley M. Halverson)

April 13, 2006 /s/Bradley M. Halverson

Controller and Chief Accounting Officer

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April 13, 2006	/s/W. Frank Blount
	(W. Frank Blount)
April 13, 2006	/s/John R. Brazil
	(John R. Brazil)
April 13, 2006	/s/John T. Dillon
	(John T. Dillon)
April 13, 2006	/s/Eugene V. Fife
	(Eugene V. Fife)
April 13, 2006	/s/Gail D. Fosler
	(Gail D. Fosler)
April 13, 2006	/s/Juan Gallardo
	(Juan Gallardo)
April 13, 2006	/s/David R. Goode
	(David R. Goode)
April 13, 2006	/s/Peter A. Magowan
	(Peter A. Magowan)
April 13, 2006	/s/William A. Osborn
	(William A. Osborn)
April 13, 2006	/s/Gordon R. Parker

	(Gordon R. Parker)		
April 13, 2006	/s/Charles D. Powell		Director
	(Charles D. Powell)	_	
April 13, 2006	/s/Edward B. Rust, Jr.		Director
	(Edward B. Rust, Jr.)	_	
April 13, 2006	/s/Joshua I. Smith		Director
	(Joshua I Smith)	_	
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April 13, 2006		By:	CATERPILLAR 401(k) PLAN  /s/S. C. Banwart
April 13, 2006		By:	/s/S. C. Banwart S. C. Banwart
			Plan Administrator
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