UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

POST-EFFECTIVE AMENDMENT NO. 3 TO

FORM S-8

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

Western Digital Corporation

(Exact Name of Registrant as Specified in Its Charter)

Delaware (State or Other Jurisdiction of Incorporation or Organization) 33-0956711 (I.R.S. Employer Identification No.)

20511 Lake Forest Drive Lake Forest, California 92630 (Address, Including Zip Code, of Principal Executive Offices)

Western Digital Corporation Stock Option Plan for Non-Employee Directors

(Full Title of the Plan)

Raymond M. Bukaty
Senior Vice President, Administration, General Counsel and Secretary
Western Digital Corporation
20511 Lake Forest Drive
Lake Forest, California 92630
(949) 672-7000

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

COPY TO:

J. Jay Herron, Esq. O'Melveny & Myers LLP 114 Pacifica, Suite 100 Irvine, California 92618-3318

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EXPLANATORY NOTE

Western Digital Corporation, a Delaware corporation (the "Registrant"), is filing this Post-Effective Amendment No. 3 to Form S-8 Registration Statement to deregister certain securities originally registered by the Registrant pursuant to its Registration Statement on Form S-8 filed with the Securities and Exchange Commission (the "Commission") on March 8, 2001 (Commission File No. 333-56738 and referred to herein as the "Registration Statement") with respect to shares of the Registrant's common stock, par value \$0.01 per share (the "Common Stock"), thereby registered for offer or sale pursuant to the Western Digital Corporation Stock Option Plan for Non-Employee Directors (the "Directors Option Plan"). A total of 1,000,000 shares of Common Stock were initially registered for issuance under the Registration Statement.

The Registrant has since adopted a new equity incentive plan, the Western Digital Corporation Amended and Restated 2004 Performance Incentive Plan (the "2004 Plan"), which replaces the Directors Option Plan as of November 18, 2004, the date the Registrant's stockholders approved the 2004 Plan. No future awards will be made under the Directors Option Plan. According to the terms of the 2004 Plan, the shares of Common Stock that were available for grant under the Directors Option Plan, but not actually subject to outstanding awards, as of November 18, 2004 are available for issuance under the 2004 Plan. The total number of shares of Common Stock available for grant under the Directors Option Plan, but not actually subject to outstanding awards, on November 18, 2004 was 813,876 (these shares are referred to as the "Carryover Shares"). However, because the number of shares available for grant under the Directors Option Plan exceeded the number of shares previously registered for offer or sale pursuant to the Directors Option Plan by 600,000 shares, only 213,876 of the Carryover Shares were originally registered for offer or sale pursuant to the Directors Option Plan. Those 213,876 shares are hereby deregistered. The Registration Statement otherwise continues in effect as to the balance of the shares of Common Stock remaining available for offer or sale pursuant thereto.

Contemporaneously with the filing of this Post-Effective Amendment No. 3 to Form S-8 Registration Statement, the Registrant is filing a Registration Statement on Form S-8 to register the shares of Common Stock now available for offer or sale pursuant to the 2004 Plan, including but not limited to the Carryover Shares.

In accordance with the principles set forth in Interpretation 89 under Section G of the Manual of Publicly Available Telephone Interpretations of the Division of Corporation Finance of the Securities and Exchange Commission (July 1997) and Instruction E to the General Instructions to Form S-8, this Post-Effective Amendment No. 3 to Form S-8 Registration Statement is hereby filed (i) to reallocate the Carryover Shares from the Directors Option Plan to the 2004 Plan, and (ii) to carry over the registration fees paid for the 213,876 Carryover Shares that were previously registered from the Registration Statement to the Registration Statement on Form S-8 for the 2004 Plan that is filed contemporaneously with the filing of this Post-Effective Amendment No. 3 to Form S-8 Registration Statement.

SIGNATURES

Pursuant to the requirements of the Securities Act, 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. 3 to Form S-8 Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Lake Forest, State of California, on February 2, 2005.

WESTERN DIGITAL CORPORATION

By: /s/ Matthew E. Massengill

Matthew E. Massengill

Chief Executive Officer

POWER OF ATTORNEY

Each person whose signature appears below constitutes and appoints Matthew E. Massengill and Raymond M. Bukaty, and each of them, acting individually and without the other, as his or her true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him or her and in his or her name, place, and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments, exhibits thereto and other documents in connection therewith) to this Registration Statement, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or either of them individually, or their or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act, this Post-Effective Amendment No. 3 to Form S-8 Registration Statement has been signed below by the following persons in the capacities and on the dates indicated.

Signature	<u>Title</u>	Date	
/s/ Matthew E. Massengill	Chairman and Chief Executive Officer (Principal Executive Officer)	February 2	, 2005
Matthew E. Massengill /s/ Stephen D. Milligan	Senior Vice President and Chief	February 2	, 2005
Stephen D. Milligan	Financial Officer (Principal Financial Officer)		

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Signature	Title	Date	
/s/ Joseph R. Carrillo	Vice President and Corporate	February 2	, 2005
Joseph R. Carrillo /s/ Peter D. Behrendt	Controller (Principal Accounting Officer) Director	February 2	, 2005
Peter D. Behrendt /s/ Kathleen A. Cote	Director	February 2	, 2005
Kathleen A. Cote /s/ Henry T. DeNero	Director	February 2	, 2005
Henry T. DeNero /s/ William L. Kimsey	Director	February 2	, 2005
William L. Kimsey /s/ Michael D. Lambert	Director	February 2	, 2005
Michael D. Lambert /s/ Roger H. Moore	Director	February 2	, 2005
Roger H. Moore /s/ Thomas E. Pardun	Director	February 2	, 2005
Thomas E. Pardun /s/ Arif Shakeel	Director	February 2	, 2005
Arif Shakeel			

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EXHIBIT INDEX

Exhibit Number 24.

Description of Exhibit
Power of Attorney (included in this Registration Statement under "Signatures").