

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>WELSH JAMES K</u> (Last) (First) (Middle) <u>C/O WESTERN DIGITAL CORPORATION</u> <u>20511 LAKE FOREST DRIVE</u> (Street) <u>LAKE FOREST CA 92630-7741</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>08/16/2010</u>	3. Issuer Name and Ticker or Trading Symbol <u>WESTERN DIGITAL CORP [WDC]</u> 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) <input type="checkbox"/> <u>EVP & GM, Branded Products</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
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Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
<u>Common Stock</u>	<u>42,948</u>	<u>D</u>	

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
<u>Employee Stock Option (right to buy)</u>	<u>02/04/2010⁽¹⁾</u>	<u>02/04/2016</u>	<u>Common Stock</u>	<u>49,504</u>	<u>16.85</u>	<u>D</u>	
<u>Employee Stock Option (right to buy)</u>	<u>11/08/2007⁽²⁾</u>	<u>11/08/2016</u>	<u>Common Stock</u>	<u>1,894</u>	<u>19.4</u>	<u>D</u>	
<u>Employee Stock Option (right to buy)</u>	<u>09/12/2008⁽³⁾</u>	<u>09/12/2014</u>	<u>Common Stock</u>	<u>7,708</u>	<u>23.46</u>	<u>D</u>	
<u>Employee Stock Option (right to buy)</u>	<u>09/11/2009⁽⁴⁾</u>	<u>09/11/2015</u>	<u>Common Stock</u>	<u>19,197</u>	<u>23.78</u>	<u>D</u>	
<u>Employee Stock Option (right to buy)</u>	<u>02/06/2009⁽⁵⁾</u>	<u>02/06/2015</u>	<u>Common Stock</u>	<u>9,751</u>	<u>28.09</u>	<u>D</u>	
<u>Employee Stock Option (right to buy)</u>	<u>09/10/2010⁽⁶⁾</u>	<u>09/10/2016</u>	<u>Common Stock</u>	<u>20,655</u>	<u>35.75</u>	<u>D</u>	

Explanation of Responses:

1. The option vested 25% one year from the grant date of February 4, 2009, and an additional 6.25% vested at the end of each three-month period through August 4, 2010. The remaining shares subject to the option will vest at 6.25% at the end of each three-month period until fully vested on February 4, 2013.
2. The option vested 25% one year from the grant date of November 8, 2006, and an additional 6.25% vested at the end of each three-month period through August 8, 2010. The remaining shares subject to the option will vest in full on November 8, 2010.
3. The option vested 25% one year from the grant date of September 12, 2007, and an additional 6.25% vested at the end of each three-month period through June 12, 2010. The remaining shares subject to the option will vest at 6.25% at the end of each three-month period until fully vested on September 12, 2011.
4. The option vested 25% one year from the grant date of September 11, 2008, and an additional 6.25% vested at the end of each three-month period through June 11, 2010. The remaining shares subject to the option will vest at 6.25% at the end of each three-month period until fully vested on September 11, 2012.
5. The option vested 25% one year from the grant date of February 6, 2008, and an additional 6.25% vested at the end of each three-month period through August 6, 2010. The remaining shares subject to the option will vest at 6.25% at the end of each three-month period until fully vested on February 6, 2012.
6. The option vests 25% on the first anniversary of the grant date and 6.25% at the end of each three-month period thereafter.

By: /s/ Sandra Garcia
 Attorney-in-Fact For: James K. 08/23/2010
Welsh

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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