

MULCAHY J PATRICK
 Form 4
 September 17, 2012

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 MULCAHY J PATRICK

2. Issuer Name and Ticker or Trading Symbol
 ENERGIZER HOLDINGS INC
 [ENR]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 09/13/2012

Director 10% Owner
 Officer (give title below) Other (specify below)

ENERGIZER HOLDINGS, INC., 533 MARYVILLE UNIVERSITY DRIVE
 (Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

ST. LOUIS, MO 63141

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
Energizer Holdings, Inc. Common Stock				(A) or (D)	Amount (D) Price		
						29,065	D
Energizer Holdings, Inc. Common Stock						12,611	I by Spouse

Energizer Holdings, Inc. Common Stock 604,755 I by Trust

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

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SEC 1474 (9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Deemed Execution Date (Instr. 3, 4, and 5)	9. Amount or Number of Shares
Phantom Stock Units in Deferred Compensation Plan	\$ 0	09/13/2012		A	98 <u>(1)</u>	<u>(2)</u> <u>(2)</u>	Energizer Holdings, Inc. Common Stock		98

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MULCAHY J PATRICK ENERGIZER HOLDINGS, INC. 533 MARYVILLE UNIVERSITY DRIVE ST. LOUIS, MO 63141	X			

Signatures

J. PATRICK
MULCAHY 09/17/2012
Date

**Signature of Reporting
Person

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(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).
- (1) As a result of the 09/13/2012 dividend payment, a dividend equivalent payment was credited to the Reporting Person's balance in the Energizer stock fund of the Company's deferred compensation plan in the form of additional units.
- (2) Phantom stock units are payable in cash following termination of the Reporting Person's service on the Board of Directors of Energizer Holdings, Inc.

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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