MULCAHY J PATRICK

ST. LOUIS, MO 63141

Common Stock

Form 4

September 17, 2012

FORM 4 LINITED STATES	OMB APPROVAL						
UNITED STATE	S SECURITIES AND EXCHANGE Washington, D.C. 20549	COMMISSION	OMB Number:	3235-0287			
Check this box if no longer	g ,		Expires:	January 31,			
subject to Section 16. Form 4 or	OF CHANGES IN BENEFICIAL OV SECURITIES	Estimated av	-				
Form 4 or Form 5 obligations may continue. See Instruction 1(b). 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	5. Relationship of Reporting Person(s) to Issuer					
	[ENR]	(Check all applicable)					
(Last) (First) (Middle) ENERGIZER HOLDINGS, INC., 533 MARYVILLE UNIVERSITY DRIVE	3. Date of Earliest Transaction (Month/Day/Year) 09/13/2012	X Director Officer (give t below)		Owner r (specify			
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joi Applicable Line) _X_ Form filed by O Form filed by M	ne Reporting Per	son			

(City)	(State) (Z	Zip) Table	I - Non-Do	erivative Securities Ac	quired, Disposed	of, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities onAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price	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 Indirect Beneficial Ownership (Instr. 4)
Energizer Holdings, Inc. Common Stock					29,065	D	
Energizer Holdings, Inc.					12,611	I	by Spouse

Person

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Energizer Holdings,

by Trust Inc. 604,755

Common Stock

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. Transactio Code (Instr. 8)	5. DrNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exerc Expiration Da (Month/Day/	ate	7. Title and A Underlying So (Instr. 3 and 4	ecurities	8. D So (I
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Dhantan Ctaal								Enanciasa		

Phantom Stock Energizer Units in Holdings, 98 Deferred \$0 09/13/2012 A (2) (2) 98 Inc. (1) Compensation Common

Plan Stock

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

MULCAHY J PATRICK ENERGIZER HOLDINGS, INC. 533 MARYVILLE UNIVERSITY DRIVE

X

ST. LOUIS, MO 63141

Signatures

J. PATRICK 09/17/2012 **MULCAHY**

Date

2 Reporting Owners

**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. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Signatures 3