

MUCHONEY MARY S  
 Form 4  
 February 17, 2010

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

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 \*  
 MUCHONEY MARY S

(Last) (First) (Middle)

8755 WEST HIGGINS ROAD

(Street)

CHICAGO, IL 60631

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
 LITTELFUSE INC /DE [LFUS]

3. Date of Earliest Transaction (Month/Day/Year)  
 02/16/2010

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Corporate Secretary

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

**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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	02/16/2010		A		1,200	A	\$ 20.24 6,220
Common Stock	02/16/2010		D		1,200	D	\$ 36.3674 5,020
Common Stock	02/16/2010		A		133	A	\$ 25.25 5,153
Common Stock	02/16/2010		D		133	D	\$ 36.3674 5,020

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

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

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. Amount or Number of Shares
				Code	V	(A)	(D)	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 20.24	02/16/2010		D		1,200		05/02/2004 05/02/2013 Common Stock	1,200
Stock Option (Right to Buy)	\$ 25.25	02/16/2010		D		133		05/01/2000 05/01/2010 Common Stock	133
Stock Option (Right to Buy)	\$ 25.25							05/01/2001 05/01/2011 Common Stock	400
Stock Option (Right to Buy)	\$ 25.25							05/01/2002 05/01/2012 Common Stock	400
Stock Option (Right to Buy)	\$ 25.25							05/01/2003 05/01/2013 Common Stock	400
Stock Option (Right to Buy)	\$ 35.5							04/28/2001 04/28/2015 Common Stock	3,000
Stock Option (Right to Buy)	\$ 27.1							04/27/2002 04/27/2016 Common Stock	3,000

Buy)					
Stock Option (Right to Buy)	\$ 25.2		04/26/2003	04/26/2017	Common Stock 3,000
Stock Option (Right to Buy)	\$ 38.11		04/30/2005	04/30/2014	Common Stock 3,000
Stock Option (Right to Buy)	\$ 27.21		05/06/2006	05/06/2015	Common Stock 3,000
Stock Option (Right to Buy)	\$ 34.33		05/05/2007	05/05/2013	Common Stock 3,000
Stock Option (Right to Buy)	\$ 41.22		04/27/2008	04/27/2014	Common Stock 3,000
Stock Option (Right to Buy)	\$ 36.33		04/25/2009	04/25/2015	Common Stock 3,000
Stock Option (Right to Buy)	\$ 13.88		04/24/2010	04/24/2016	Common Stock 4,560

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MUCHONEY MARY S 8755 WEST HIGGINS ROAD CHICAGO, IL 60631			Corporate Secretary	

## Signatures

Mary S.  
Muchoney

02/16/2010

\*\*Signature of  
Reporting Person

Date

## 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).

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.