

MUCHONEY MARY S  
 Form 4  
 February 17, 2010

**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 \*  
**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	(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.

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(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)	Date Exercisable	Expiration Date	Title	
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.

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