

FORM 4

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

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

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

(Print or Type Responses)

1. Name and Address of Reporting Person* ROURKE JAMES H			2. Issuer Name and Ticker or Trading Symbol MUELLER INDUSTRIES INC [MLI]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director _____ 10% Owner _____ <input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) _____ President - IPD		
(Last) 8353 COLONY DR	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 04/27/2010					
(Street) CLAY TOWNSHIP, MI 48001			4. If Amendment, Date 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		
(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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	04/27/2010		M		3,113	A	\$ 15.202	20,709	D	
Common Stock	04/27/2010		M		4,668	A	\$ 18.701	25,377	D	
Common Stock	04/27/2010		M		12,449	A	\$ 20.403	37,826	D	
Common Stock	04/27/2010		M		18,674	A	\$ 16.615	56,500	D	
Common Stock	04/27/2010		M		24,898	A	\$ 20.718	81,398	D	
Common Stock	04/27/2010		S		7,226	D	\$ 29.738	74,172	D	
Common Stock	04/27/2010		S		20,000	D	\$ 29.51	54,172	D	
Common Stock	04/27/2010		S		10,000	D	\$ 29.278	44,172	D	
Common Stock	04/28/2010		S		7,227	D	\$ 29.491	36,945	D	

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

SEC 1474 (9-02)
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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. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee Stock Option (Right to Buy)	\$ 15.202	04/27/2010		M		3,113	12/21/2005	12/21/2010	Common Stock	3,113	\$ 0	0	D	
Employee Stock Option (Right to Buy)	\$ 18.701	04/27/2010		M		4,668	11/06/2005	11/06/2011	Common Stock	4,668	\$ 0	0	D	

Employee Stock Option (Right to Buy)	\$ 20.403	04/27/2010		M			12,449	(1)	02/13/2012	Common Stock	12,449	\$ 0	0	D
Employee Stock Option (Right to Buy)	\$ 16.615	04/27/2010		M			18,674	(2)	02/10/2013	Common Stock	18,674	\$ 0	0	D
Employee Stock Option (Right to Buy)	\$ 20.718	04/27/2010		M			24,898	(3)	02/10/2014	Common Stock	24,898	\$ 0	0	D

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ROURKE JAMES H 8353 COLONY DR CLAY TOWNSHIP, MI 48001			President - IPD	

Signatures

/s/ Anthony Steinriede, Attorney-in-Fact		04/28/2010
<small>**Signature of Reporting Person</small>		<small>Date</small>

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) The options became exercisable as follows: 6,224 on 02/13/2006; 6,225 on 02/13/2007
- (2) The options became exercisable as follows: 6,225 on 02/10/2006; 6,224 on 02/10/2007; 6,225 on 02/10/2008
- (3) The options became exercisable as follows: 6,224 on 02/10/2006; 6,225 on 02/10/2007; 6,224 on 02/10/2008; 6,225 on 02/10/2009

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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