FORM 4

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

| OMB APPRO | OVAL |
|---------------------|-----------|
| OMB Number: | 3235-0287 |
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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 or Section 30(h) of the Investment Company Act of 1940

| (Print or Type Responses) 1. Name and Address of Reporting Person* FULVIO GENNARO J | | | | 2. Issuer Name and Ticker or Trading Symbol MUELLER INDUSTRIES INC [MLI] | | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | |
|---|--|--|--|---|--|--|-----------|--|------------------------------|-------------------------------|--|---------------------------------|---|--|---|------------|-------------|
| (Las | st) | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 04/30/2010 | | | | | | | | | | | | | |
| (Street) | | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | | | | | 6. Individual or Joint/Group Filing(Check Applicable Line) X. Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | |
| (Cit | y) | (State) | (Zip) | | | | Table | e I - N | lon-Deri | vative | Securitie | es Acquire | d, Disposed | of, or Bene | ficially Owi | ied | |
| (Instr. 3) Date | | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | | if Code (Inst | (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) | | | Form: | 7. Nature of Indirect Beneficial Ownership | | |
| | | | | (iviolitii | Day | // I Ca | | ode | V A | mount | (A) or (D) | Price | | | or Indirect (I) (Instr. 4) | (Instr. 4) | |
| Common | Stock | | 04/30/2010 | | | | N | M | 2 | ,000 | A 3 | § 26.515 2 | 2,000 | | | D | |
| Common | ommon Stock 04/30/2010 | | | | | (| 3 | $V \begin{vmatrix} 2 \\ \frac{1}{2} \end{vmatrix}$ | 000, | D \$ | \$ 0 0 | 0 | | D | | | |
| Common Stock 04/30/2010 | | | | | (| G | | ,000 | A S | 5 0 1 | 11,000 | | I | See Footnote | | | |
| Reminder: | Report on a s | separate line for each | | - Derivat | ive S | Secur | rities Ac | equire | Person in this display | s who form a s a cu | re not r irrently , or Bene | equired to valid OM eficially O | collection of respond B control r | unless the | | ned SEC | 1474 (9-02) |
| 1. Title of Derivative Security (Instr. 3) | 2. 3. Transaction 3A. Deemed 4. Execution Date, if Transaction 25 Execution Date 25 Execution Date, if Transaction 26 Execution Date, if Transaction 27 Execution Date, if Transaction 27 Execution Date 28 Execut | | 4. 5. Nur Transaction of Deriva (Instr. 8) Securi Acqui (A) or Dispo of (D) | | vative urities uired or cosed D) cr. 3, 4, | mber 6. Date Expirat (Month ities ired rosed) . 3, 4, | | ns, convertible secur Exercisable and ion Date /Day/Year) | | 7. Title a of Under Securitie | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | | 9. Number Derivative Securities Beneficiall Owned Following Reported Transaction (Instr. 4) | Owners Form of Derivat Securit Direct or India | tive Ownersl ty: (Instr. 4) (D) rect | | |
| | | | | Code | V | (A) | (D) | Date Exe | e rcisable | Expi Date | ration | Title | Amount or Number of Shares | | | | |
| Stock Option (Right to Buy) | \$ 26.515 | 04/30/2010 | | M | | | 2,000 | 05/0 | 05/200 | 5 05/0 | 05/2010 | Commo | -12.000 | \$ 0 | 0 | D | |

Reporting Owners

| D. C. O. N. | Relationships | | | | | |
|--------------------------------|---------------|--------------|---------|-------|--|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | | |
| FULVIO GENNARO J | X | | | | | |

Signatures

| /s/ Anthony Steinriede, Attorney-in-Fact | 05/04/2010 |
|--|------------|
| **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)
- (1) On April 30, 2010 the reporting person made a gift of 2,000 shares of common stock to his spouse
- (2) Represents shares held by the reporting person's spouse

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.