

Dempsey Patrick
Form 4
May 18, 2011

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 *
Dempsey Patrick

(Last) (First) (Middle)

BARNES GROUP INC., 123 MAIN STREET

(Street)

BRISTOL, CT 06010

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
BARNES GROUP INC [B]

3. Date of Earliest Transaction (Month/Day/Year)
05/16/2011

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)

VP-BGI; Pres., LMS

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 or Price | | |
| Common Stock | 05/16/2011 | | M | | 20,000 A \$ 13.285 | 154,072.158 (1) | D |
| Common Stock | 05/16/2011 | | M | | 3,800 A \$ 12.615 | 157,872.158 (1) | D |
| Common Stock | 05/16/2011 | | S | | 23,800 D \$ 24.4818 | 134,072.158 (1) | D |
| Common Stock | 05/17/2011 | | M | | 8,042 A \$ 12.615 | 142,114.158 (1) | D |
| Common Stock | 05/17/2011 | | S | | 8,042 D \$ 24.033 | 134,072.158 (1) | D |

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).

Includes balances of 1998 Restricted Stock Units granted 2/14/07, 1016 granted 10/5/07, 10700 granted 2/10/09, 21800 granted 2/10/09,

(1) 11854 granted 2/8/10 and 5900 granted 2/9/11, and 5900 Performance Share Awards granted 2/9/11 that are subject to forfeiture if certain events occur.

(2) The option vested in three equal installments on June 8, 2005, 2007 and 2009.

(3) 1 for 1.

(4) The option vested in three equal installments on August 16, 2006, 2007 and 2008.

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.