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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| OMB APPROVAL | | | | | | | | | |
|-------------------------|-----------|--|--|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | | | |
| Estimated average burde | en | | | | | | | | |
| hours per response: | 0.5 | | | | | | | | |

| 1. Name and Address of Reporting Person [*] MADISON DON R | | 2. Issuer Name and Ticker or Trading Symbol <u>POWELL INDUSTRIES INC</u> [POWL] | | tionship of Reporting Pe (all applicable) Director Officer (give title | erson(s) to Issuer 10% Owner Other (specify |
|---|----------------|--|------------------------|--|---|
| (Last) (First) PO BOX 12818 | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 12/06/2010 | | below) Executive Vice Pre | below) |
| (Street) HOUSTON TX (City) (State) | 77217 (Zip) | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Indiv Line) X | vidual or Joint/Group Fili Form filed by One Re Form filed by More the Person | porting 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) | Transaction Code (Instr. | | 4. Securities Disposed Of 5) | | | 5. Amount of Securities Beneficially Owned Following Reported | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership |
|---------------------------------|--|---|-----------------------------|---|------------------------------------|---------------|--------|---|---|---|
| | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (Instr. 4) |
| Common Stock | 12/06/2010 | | A | | 3,073 | Α | \$0.00 | 38,003(1) | D | |
| Common Stock | | | | | | | | 975 | Ι | 401(k) Shares |

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) | Transaction o Code (Instr. D 8) A (/ D 0 (I | | of Deriv Secut Acqu (A) or Dispo of (D) | posed D) str. 3, 4 | | 7. Title Amour Securi Underl Deriva Securi and 4) | nt of ties ying tive ty (Instr. 3 | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
|---|---|--|---|---|---|---|--------------------------|---------------------|---|---|---|--|--|--|--|
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |

Explanation of Responses:

1. Includes shares that have a time-based vesting provision of three equal installments from date of grant.

Remarks:

Don R. Madison

** Signature of Reporting Person

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

* 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.

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 Number.

<u>12/29/2010</u>

Date