

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 7)*

POWELL INDUSTRIES, INC.
(Name of Issuer)

COMMON STOCK
(Title of Class of Securities)

739128106
(CUSIP Number)

December 31, 2000
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

NAMES OF REPORTING PERSONS.

1 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

HEARTLAND ADVISORS, INC.

#39-1078128

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP2 (a)
(b) -----
SEC USE ONLY

3

CITIZENSHIP OR PLACE OF ORGANIZATION

4 WISCONSIN, U.S.A.

SOLE VOTING POWER5
NUMBER OF 269,600

SHARES

SHARED VOTING POWER6
BENEFICIALLY OWNED BY

None

EACH

SOLE DISPOSITIVE POWER7
REPORTING 816,300

PERSON

SHARED DISPOSITIVE POWER8
WITH None-----
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON9
816,300-----
CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
(SEE INSTRUCTIONS)10 -----
PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)11
7.5%-----
TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)12
IA

1 NAMES OF REPORTING PERSONS.
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY).

WILLIAM J. NASGOVITZ ###-##-####

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a)
(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION
U.S.A.

5 SOLE VOTING POWER
NUMBER OF 507,400
SHARES

6 SHARED VOTING POWER
BENEFICIALLY OWNED BY None
EACH

7 SOLE DISPOSITIVE POWER
REPORTING PERSON None

8 SHARED DISPOSITIVE POWER
WITH None

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
507,400

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
4.7%

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)
IN

Item 1.

(a) Name of Issuer: Powell Industries, Inc.

(b) Address of Issuer's Principal Executive Offices:

8550 Mosley Drive
Houston, TX 77075-1180

Item 2.

(a) Name of Person Filing: (1) Heartland Advisors, Inc.

(2) William J. Nasgovitz

(b) Address of Principal Business Office:

(1) 789 North Water Street (2) 789 North Water Street
Milwaukee, WI 53202 Milwaukee, WI 53202

(c) Citizenship: Heartland Advisors is a Wisconsin corporation.
----- William J. Nasgovitz - U.S.A

(d) Title of Class of Securities: Common Stock

(e) CUSIP Number: 739128106

Item 3. The persons filing this Schedule 13G are Heartland Advisors, Inc., an investment adviser registered with the SEC, and William J. Nasgovitz, President and principal shareholder of Heartland Advisors, Inc. Mr. Nasgovitz joins in this filing pursuant to SEC staff positions authorizing certain individuals in similar situations to join in a filing with a controlled entity eligible to file on Schedule 13G. The reporting persons do not admit that they constitute a group.

Item 4. Ownership.

(a) Amount beneficially owned:

816,300 shares may be deemed beneficially owned within the meaning of Rule 13d-3 of the Securities Exchange Act of 1934 by (1) Heartland Advisors, Inc. by virtue of its investment discretion and in some cases voting power over client securities, which may be revoked; and (2) William J. Nasgovitz, as a result of his position with and stock ownership of Heartland which could be deemed to confer upon him voting and/or investment power over the shares Heartland beneficially owns. Of these 816,300 shares, 507,400 shares also may be deemed beneficially owned within the meaning of Rule 13d-3 of the Securities Exchange Act of 1934 by Mr. Nasgovitz as a result of his position as an officer and director of Heartland Group, Inc. which could be deemed to confer upon him voting power over the shares Heartland Group beneficially owns.

(b) Percent of Class:

7.5%

(c) For information on voting and dispositive power with respect to the above listed shares, see Items 5-8 of the Cover Page.

Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date

hereof the reporting person has ceased to be the

beneficial owner of more than five percent of the class of securities, check the following:[]

Item 6. Ownership of more than Five Percent on Behalf of Another Person.

The shares of common stock to which this Schedule relates are held in investment advisory accounts of Heartland Advisors, Inc. As a result, various persons have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the securities. No such account is known to have such an interest relating to more than 5% of the class.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

Not Applicable.

Item 8. Identification and Classification of Members of the Group.

Not Applicable.

Item 9. Notice of Dissolution of Group.

Not Applicable.

Item 10. Certification.

By signing below, the undersigned certify that, to the best of their knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DATE: January 22, 2001

WILLIAM J. NASGOVITZ

HEARTLAND ADVISORS, INC.

By: /s/ PAUL T. BESTE

By: /s/ PAUL T. BESTE

Paul T. Beste
As Attorney in Fact for
William J. Nasgovitz

Paul T. Beste
Chief Operating Officer

EXHIBIT INDEX

Exhibit 1 Joint Filing Agreement

EXHIBIT 1

Joint Filing Agreement

The undersigned persons agree and consent to the joint filing on their behalf of this Schedule 13G in connection with their beneficial ownership of Powell Industries, Inc. at December 31, 2000.

WILLIAM J. NASGOVITZ

By: /s/ PAUL T. BESTE

Paul T. Beste
As Attorney in Fact for
William J. Nasgovitz

HEARTLAND ADVISORS, INC.

By: /s/ PAUL T. BESTE

Paul T. Beste
Chief Operating Officer