

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

POST-EFFECTIVE AMENDMENT NO. 2
TO THE FORM S-3 REGISTRATION STATEMENT
Under
THE SECURITIES ACT OF 1933

SEGMENTZ, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

03-0450326
(I.R.S. Employer
Identification No.)

429 Post Road
Buchanan, Michigan 49107
(269) 695-4920
(Address, including zip code, and telephone number, including
area code, of registrant's principal executive offices)

Mark Patterson
Chief Financial Officer
429 Post Road
Buchanan, Michigan 49107
(269) 695-4920
(Name, address, including zip code, and telephone number, including
area code, of agent for service)

with copies to:
Clint J. Gage, Esq.
Adorno & Yoss, LLP
350 East Las Olas Boulevard, Suite 1700
Fort Lauderdale, Florida 33301
(954) 763-1200 (Telephone)
(954) 766-7800 (Facsimile)

Approximate date of commencement of proposed sale to the public: From time to time after the effective date of this Registration Statement.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, as amended, (the "Securities Act") other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration number of the earlier effective registration statement for the offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If delivery of the prospectus is expected to be made pursuant to Rule 434, please check the following box.

Explanatory Paragraph

This Post Effective Amendment No. 2 to the Form S-3 Registration Statement amends the S-3 Registration Statement to include as Exhibit 23(iii) a consent of the Registrant's independent accountants, Pender Newkirk & Company.

Item 16. Exhibits.

<u>Exhibit No.</u>	<u>Description of Document</u>
3.1(a)	Certificate of Incorporation dated May 8, 2000 ⁽¹⁾
3.1(b)	Articles of Merger dated May 17, 2000 ⁽¹⁾
3.1(c)	Certificate of Merger dated May 17, 2000 ⁽¹⁾
3.1(d)	Certificate of Merger dated February 1, 2001 ⁽¹⁾
3.1(e)	Certificate of Merger dated February 1, 2001 ⁽¹⁾
3.1(f)	Certificate of Amendment dated November 1, 2001 ⁽¹⁾
3.1(g)	Designation of Preferences of Series A filed June 11, 2003 ⁽³⁾
3.1(h)	Designation of Preferences of Series B June 11, 2003 ⁽³⁾
3.1(i)	Designation of Preferences of Series C June 11, 2003 ⁽³⁾
3.1(j)	Designation of Preferences of Series A-1 June 18, 2003 ⁽³⁾
3.1(k)	Designation of Preferences of Series B-1 June 18, 2003 ⁽³⁾
3.2	Bylaws dated May 10, 2000 ⁽¹⁾
5	Opinion and Consent of Adorno & Yoss, P.A. ⁽³⁾
10.1	Stock Option Plan ⁽¹⁾
21	Subsidiaries of Registrant ⁽¹⁾
23(i)	Consent of Adorno & Yoss, P.A. (see Exhibit 5) ⁽³⁾
23(ii)	Consent of Pender Newkirk & Company ⁽³⁾
23(iii)	Consent of Pender Newkirk & Company ⁽²⁾

⁽¹⁾ Incorporated by reference to exhibits with the corresponding numbers filed with our registration statement on Form 10SB (File No. 000-49606).

⁽²⁾ Filed herewith.

⁽³⁾ Previously filed.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this Post Effective Amendment No. 2 to Registration Statement on Form S-3 to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Buchanan, Michigan, on October 14, 2005.

SEGMENTZ, INC.

By: /s/ Mike Welch
Mike Welch
Chief Executive Officer and Director

By: /s/ Mark Patterson
Mark Patterson
Chief Financial Officer

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, this Post Effective Amendment No. 2 to Registration Statement on Form S-3 has been signed by the following persons in the capacities indicated:

<u>SIGNATURE</u>	<u>TITLE</u>	<u>DATE</u>
<u>/s/ MIKE WELCH</u> Mike Welch	Chief Executive Officer and Director	October 14, 2005
<u>/s/ MARK PATTERSON</u> Mark Patterson	Chief Financial Officer	October 14, 2005
<u>/s/ JENNIFER DORRIS</u> Jennifer Dorris	Director	October 14, 2005
<u>/s/ CALVIN WHITEHEAD</u> Calvin R. Whitehead	Director	October 14, 2005
<u>/s/ ROBERT GRIES</u> Robert Gries	Director	October 14, 2005
<u>/s/ JAY TAYLOR</u> Jay Taylor	Director	October 14, 2005
<u>/s/ JIM MARTELL</u> Jim Martell	Director	October 14, 2005

PNC CPAs

CONSENT OF INDEPENDENT ACCOUNTANTS

Board of Directors
Segmentz, Inc.
Buchanan, Michigan

We hereby consent to the incorporation by reference in the Registration Statement on Form S-3 (No. 333-112899) of Segmentz, Inc. of our report dated February 25, 2005, relating to the consolidated financial statements of Segmentz, Inc., which appear in Segmentz, Inc.'s Form 10-KSB for the year ended December 31, 2004, filed with the United States Securities and Exchange Commission on March 30, 2005.

/s/ Pender Newkirk & Company

Pender Newkirk & Company

Certified Public Accountants

Tampa, Florida

August 16, 2005