

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No.1)*

Segmentz, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

815801-10-5

(CUSIP Number)

May 7, 2004

(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).

CUSIP No. 815801-10-5

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

Stephen J. Clearman

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a)
(b)

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

United States of America

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

5. SOLE VOTING POWER

6. SHARED VOTING POWER

2,250,000

7. SOLE DISPOSITIVE POWER

0

8. SHARED DISPOSITIVE POWER

2,250,000

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,250,000

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

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

8.7%

12. TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

IN

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

Kinderhook GP, LLC

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a)

(b)

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

5. SOLE VOTING POWER

0

6. SHARED VOTING POWER

2,250,000

7. SOLE DISPOSITIVE POWER

0

8. SHARED DISPOSITIVE POWER

2,250,000

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,250,000

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

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

8.7%

12. TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

00

CUSIP No. 815801-10-5

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

Kinderhook Partners, LP

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a)

(b)

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

5. SOLE VOTING POWER

0

6. SHARED VOTING POWER

2,250,000

7. SOLE DISPOSITIVE POWER

0

8. SHARED DISPOSITIVE POWER

2,250,000

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,250,000

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

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

8.7%

12. TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

PN

CUSIP No. 815801-10-5

This Amendment No. 1 to the Schedule 13D initially filed December 31, 2004 is being filed pursuant to Rule 13d-2(d). Pursuant to the Issuer's most recent Form 10-QSB for the Quarterly Period Ended March 31, 2004, as of May 7, 2004, the Issuer has 25,845,667 shares of Common Stock issued and outstanding. Although the Reporting Persons did not transact in the Securities of the Issuer, this change reduces the Reporting Persons' beneficial ownership interest by more than 5%.

Item 1(a). Name of Issuer:

Segmentz, Inc.

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

18302 Highwoods Preserve Parkway
Tampa, Florida 33647

Item 2(a). Name of Person Filing:

Stephen J. Clearman
Kinderhook GP, LLC
Kinderhook Partners, LP

(b). Address of Principal Business Office, or if None, Residence:

1 Executive Drive
Suite 160
Fort Lee, NJ 07024

(c). Citizenship:

Stephen J. Clearman - United States of America
Kinderhook GP, LLC - Delaware
Kinderhook Partners, LP -Delaware

(d). Title of Class of Securities:

Common Stock

(e). CUSIP Number:

815801-10-5

Item 3. If This Statement is filed pursuant to ss.240.13d-1(b) or 240.13d-2(b), or (c), check whether the person filing is a:

- (a) Broker or dealer registered under Section 15 of the Exchange Act (15 U.S.C. 78c).
- (b) Bank as defined in Section 3(a)(6) of the Exchange Act (15 U.S.C. 78c).
- (c) Insurance company as defined in Section 3(a)(19) of the Exchange Act (15 U.S.C. 78c).
- (d) Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e) Aninvestment adviser in accordance with

s.240.13d-1(b)(1)(ii)(E);

- (f) An employee benefit plan or endowment fund in accordance with s.240.13d-1(b)(1)(ii)(F);
- (g) A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);
- (h) A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C.1813);
- (i) A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) Group, in accordance with s.240.13d-1(b)(1)(ii)(J).

Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

Stephen J. Clearman - 2,250,000
Kinderhook GP, LLC -2,250,000
Kinderhook Partners, LP -2,250,000

(b) Percent of class:

Stephen J. Clearman - 8.7%
Kinderhook GP, LLC -8.7%
Kinderhook Partners, LP -8.7%

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote

Stephen J. Clearman - 0
Kinderhook GP, LLC - 0
Kinderhook Partners, LP -0
-----,

(ii) Shared power to vote or to direct the vote

Stephen J. Clearman -2,250,000
Kinderhook GP, LLC -2,250,000
Kinderhook Partners, LP -2,250,000
-----,

(iii) Sole power to dispose or to direct the disposition of

Stephen J. Clearman - 0
Kinderhook GP, LLC - 0
Kinderhook Partners, LP -0
-----,

(iv) Shared power to dispose or to direct the disposition of

Stephen J. Clearman -2,250,000
Kinderhook GP, LLC -2,250,000
Kinderhook Partners, LP -2,250,000
-----,

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 [].

Instruction: Dissolution of a group requires a response to this item.

Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

If any other person is known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, such securities, a statement to that effect should be included in response to this item and, if such interest relates to more than five percent of the class, such person should be identified. A listing of the shareholders of an investment company registered under the Investment Company Act of 1940 or the beneficiaries of employee benefit plan, pension fund or endowment fund is not required.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

If a parent holding company or Control person has filed this schedule, pursuant to Rule 13d-1(b)(1)(ii)(G), so indicate under Item 3(g) and attach an exhibit stating the identity and the Item 3 classification of the relevant subsidiary. If a parent holding company or control person has filed this schedule pursuant to Rule 13d-1(c) or Rule 13d-1(d), attach an exhibit stating the identification of the relevant subsidiary.

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

If a group has filed this schedule pursuant to ss.240.13d-1(b)(1)(ii)(J), so indicate under Item 3(j) and attach an exhibit stating the identity and Item 3 classification of each member of the group. If a group has filed this schedule pursuant to ss.240.13d-1(c) or ss.240.13d-1(d), attach an exhibit stating the identity of each member of the group.

Item 9. Notice of Dissolution of Group.

Notice of dissolution of a group may be furnished as an exhibit stating the date of the dissolution and that all further filings with respect to transactions in the security reported on will be filed, if required, by members of the group, in their individual capacity. See Item 5.

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above 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 such 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.

June 3, 2004
(Date)

KINDERHOOK PARTNERS, LP

By: Kinderhook GP, LLC
General Partner

By: /s/ Stephen J. Clearman

Stephen J. Clearman
Managing Member

KINDERHOOK GP, LLC

By: /s/ Stephen J. Clearman

Stephen J. Clearman
Managing Member

By: /s/ Stephen J. Clearman

Stephen J. Clearman

AGREEMENT

The undersigned agree that this Amendment No. 1 to Schedule 13G dated June 3, 2004 relating to the Common Stock of Segmentz, Inc. shall be filed on behalf of the undersigned.

KINDERHOOK PARTNERS, LP

By: Kinderhook GP, LLC
General Partner

By: /s/ Stephen J. Clearman

Managing Member

KINDERHOOK GP, LLC

By: /s/ Stephen J. Clearman

Stephen J. Clearman
Managing Member