ENDOLOGIX INC /DE/ Form SC 13D April 07, 2006

other parties to whom copies are to be sent.

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
SCHEDULE 13D
(Rule 13d-101)
INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULE
13d-1(a) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(a)
(Amendment No.)*
Endologix, Inc.
(Name of Issuer)
Common Stock
(Title of Class of Securities)
<u>29266S106</u>
(CUSIP Number)
Martin D. Sklar, Esq.
Kleinberg, Kaplan, Wolff & Cohen, P.C.
551 Fifth Avenue, New York, New York 10176
<u>Tel: (212) 986-6000</u>
(Name, Address and Telephone Number of Person Authorized to
Receive Notices and Communications)
<u>April 7, 2006</u>
(Date of Event Which Requires Filing of this Statement)
If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box X.

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for

*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 disclosures provided in a prior cover page.

The information required on 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 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

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Elliott Associates, L.P.

- 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*
- (a) X
- (b) o
- 3. SEC USE ONLY
- SOURCE OF FUNDS* 4.

WC

- CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)
- 6. CITIZENSHIP OR PLACE OF ORGANIZATION Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

- 7. SOLE VOTING POWER 1,234,648
- SHARED VOTING POWER 8.

0

9. 1,234.	SOLE DISPOSITIVE POWER ,648
10. 0	SHARED DISPOSITIVE POWER
11. 1,234.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON ,648
12. EXCL	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) LUDES CERTAIN SHARES* 0
13. 3.3%	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
14. PN	TYPE OF REPORTING PERSON*
*SEE	INSTRUCTIONS BEFORE FILLING OUT!
	NAMES OF REPORTING PERSONS IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) t International, L.P.
2. (a) (b)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* x o
3.	SEC USE ONLY
4. WC	SOURCE OF FUNDS*
5. ITEM	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO (S 2(d) or 2(e) o
6. Caym	CITIZENSHIP OR PLACE OF ORGANIZATION an Islands, British West Indies
NUM	BER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH
7. 0	SOLE VOTING POWER

8.

SHARED VOTING POWER

9. SOLE DISPOSITIVE POWER

10. SHARED DISPOSITIVE POWER

1,851,973

- 11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,851,973
- 12. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* 0
- 13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 5.0%
- 14. TYPE OF REPORTING PERSON* PN

*SEE INSTRUCTIONS BEFORE FILLING OUT!

- 1. NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Elliott International Capital Advisors Inc.
- 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*
- (a) X
- (b) o
- 3. SEC USE ONLY
- 4. SOURCE OF FUNDS*

00

- 5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) o
- 6. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

7. SOLE VOTING POWER

'n

- 8. SHARED VOTING POWER 1,851,973
- 9. SOLE DISPOSITIVE POWER
- 10. SHARED DISPOSITIVE POWER 1,851,973
- 11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,851,973
- 12. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* o
- 13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 5.0%
- 14. TYPE OF REPORTING PERSON*

*SEE INSTRUCTIONS BEFORE FILLING OUT!

ITEM 1. Security and Issuer.

This statement relates to the common stock, \$0.001 par value (the Common Stock), of Endologix, Inc. (the Issuer). The Issuer s principal executive office is located at 11 Studebaker, Irvine, California 92618.

ITEM 2. Identity and Background.

(a)-(c) This statement is being filed by Elliott Associates, L.P., a Delaware limited partnership, and its wholly-owned subsidiaries (collectively, Elliott), Elliott International, L.P., a Cayman Islands limited partnership (Elliott International), and Elliott International Capital Advisors Inc., a Delaware corporation (EICA and collectively with Elliott and Elliott International, the Reporting Persons). Paul E. Singer (Singer), Elliott Capital Advisors, L.P., a Delaware limited partnership (Capital Advisors), which is controlled by Singer, and Elliott Special GP, LLC, a Delaware limited liability company (Special GP), which is controlled by Singer, are the general partners of Elliott. Hambledon, Inc., a Cayman Islands corporation (Hambledon), which is also controlled by Singer, is the sole general partner of Elliott International. EICA is the investment manager for Elliott International. EICA expressly disclaims equitable ownership of and pecuniary interest in any shares of Common Stock.

ELLIOTT

The business address of Elliott is 712 Fifth Avenue, 36th Floor, New York, New York 10019.

The principal business of Elliott is to purchase, sell, trade and invest in securities.

SINGER

Singer s business address is 712 Fifth Avenue, 36th Floor, New York, New York 10019.

Singer s principal business is to serve as a general partner of Elliott and Capital Advisors, as the president of EICA, and as a managing member of Special GP.

CAPITAL ADVISORS

The business address of Capital Advisors is 712 Fifth Avenue, 36th Floor, New York, New York 10019.

The principal business of Capital Advisors is the furnishing of investment advisory services. Capital Advisors also serves as a managing member of Special GP.

The names, business addresses, and present principal occupation or employment of the general partners of Capital Advisors are as follows:

NAME Paul E. Singer	ADDRESS 712 Fifth Avenue 36th Floor	OCCUPATION General partner of Elliott and Capital Advisors; President of EICA; and a managing member of	
	New York, New York 10019	Special GP	
Braxton Associates, Inc.	712 Fifth Avenue 36th Floor	The principal business of Braxton Associates, Inc. is serving as general partner of	
	New York, New York 10019	Capital Advisors	
Elliott Asset Management LLC	712 Fifth Avenue	General Partner of Capital Advisors	
	36th Floor		
	New York, New York 10019		

The name, business address, and present principal occupation or employment of the sole director and executive officer of Braxton Associates, Inc. are as follows:

NAME ADDRESS OCCUPATION

Paul E. Singer 712 Fifth Avenue General partner of Elliott and

Capital Advisors and President of

36th Floor EICA

New York, New York 10019

ELLIOTT SPECIAL GP, LLC

The business address of Special GP is 712 Fifth Avenue, 36th Floor, New York, New York 10019.

The principal business of Special GP is serving as a general partner of Elliott.

The names, business address, and present principal occupation or employment of the managing members of Special GP are as follows:

NAME ADDRESS OCCUPATION

Paul E. Singer 712 Fifth Avenue General partner of Elliott and

36th Floor Capital Advisors; President of EICA; and a managing member of

New York, New York 10019 Special GP

Braxton Associates, Inc. 712 Fifth Avenue The principal business of Braxton

36th Floor Associates, Inc. is serving as

general partner of

New York, New York 10019

Capital Advisors

Elliott Asset Management LLC 712 Fifth Avenue General Partner of Capital

Advisors

36th Floor

New York, New York 10019

ELLIOTT INTERNATIONAL

The business address of Elliott International is c/o Maples & Calder, P.O. Box 309, Ugland House, South Church Street, George Town, Cayman Islands, British West Indies.

The principal business of Elliott International is to purchase, sell, trade and invest in securities.

The name, business address, and present principal occupation or employment of the general partner of Elliott International is as follows:

NAME ADDRESS
Hambledon, Inc. c/o Maples & Calder

P.O. Box 309 Ugland House South Church Street George Town Cayman Islands British West Indies

OCCUPATION

General partner of Elliott International

HAMBLEDON

The name, business address, and present principal occupation or employment of the sole director and executive officer of Hambledon are as follows:

NAME ADDRESS OCCUPATION

Paul E. Singer 712 Fifth Avenue General partner of Elliott and

Capital Advisors; President of EICA; and a managing member of

36th Floor EICA; and a managing me

Special GP

New York, New York 10019

EICA

The business address of EICA is 712 Fifth Avenue, 36th Floor, New York, New York 10019.

The principal business of EICA is to act as investment manager for Elliott International.

The name, business address, and present principal occupation or employment of the sole director and executive officer of EICA is as follows:

NAME ADDRESS OCCUPATION

Paul E. Singer 712 Fifth Avenue General partner of Elliott and

Capital Advisors; President of

36th Floor EICA; and a managing member of

Special GP

New York, New York 10019

(d) and (e) During the last five years, none of the persons or entities listed above has been (i) convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors); or (ii) a party to a civil proceeding of a judicial or administrative body of competent

jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

(f) Mr. Singer is a citizen of the United States of America.

ITEM 3. Source and Amount of Funds or Other Consideration.

Elliott Working Capital \$6,921,005

Elliott International Working Capital \$10,381,512

ITEM 4. Purpose of Transaction.

Each of Elliott and Elliott International acquired the Common Stock beneficially owned by it in the ordinary course of its purchasing, selling and trading in securities. EICA has acted as investment manager to Elliott International in connection with Elliott International s acquisition of beneficial ownership of Common Stock.

Depending upon market conditions and other factors that it may deem material, each of Elliott and Elliott International may purchase additional shares of Common Stock and/or related securities or may dispose of all or a portion of the Common Stock or related securities that it now beneficially owns or may hereafter acquire.

Elliott and Elliott International reserve the right to further discuss and/or meet with management and other shareholders and/or formulate plans or proposals regarding the Issuer or its securities. Elliott and Elliott International may propose to Issuer s management, among other things, changes to the Issuer s sales strategy and an examination of strategic alternatives, and may seek board representation.

ITEM 5. Interest in Securities of the Issuer.

(a) Elliott beneficially owns 1,234,648 shares of Common Stock, constituting 3.3% of all of the outstanding shares of Common Stock.

Elliott International and EICA beneficially own an aggregate of 1,851,973 shares of Common Stock, constituting 5.0% of all of the outstanding shares of Common Stock.

Collectively, Elliott, Elliott International and EICA beneficially own 3,086,621 shares of Common Stock constituting 8.3% of all of the outstanding shares of Common Stock.

(b) Elliott has the power to vote or direct the vote of, and to dispose or direct the disposition of, the shares of Common Stock beneficially owned by it.

Elliott International has the shared power with EICA to vote or direct the vote of, and to dispose or direct the disposition of, the shares of Common Stock owned by Elliott International. Information regarding each of Elliott International and EICA is set forth in Item 2 of this Schedule 13D and is expressly incorporated by reference herein.

(c) The following transactions were effected by Elliott during the past sixty (60) days:

<u>Date</u>			Approx. Price per Share (excl.
		Bought (Sold	of commissions)
			of commissions)
06-FEB-2006	Common	8,000	6.50
06-FEB-2006	Common	1,204	6.46
07-FEB-2006	Common	8,000	6.54
08-FEB-2006	Common	3,200	5.93
08-FEB-2006	Common	11,060	6.00
21-FEB-2006	Common	40,815	6.56
22-FEB-2006	Common	10,000	6.08
22-FEB-2006	Common	25,319	6.11
23-FEB-2006	Common	7,880	6.15
23-FEB-2006	Common	120	6.03
24-FEB-2006	Common	20,000	5.19
24-FEB-2006	Common	10,000	5.10
24-FEB-2006	Common	64,000	5.10
10-MAR-2006	Common	6,240	4.89
13-MAR-2006	Common	22,400	4.94
14-MAR-2006	Common	280	4.85
14-MAR-2006	Common	20,000	4.89
15-MAR-2006	Common	136,000	4.95
16-MAR-2006	Common	2,400	4.50
16-MAR-2006	Common	240	4.70
17-MAR-2006	Common	34,000	4.50
17-MAR-2006	Common	6,003	4.58
21-MAR-2006	Common	2,000	4.55
22-MAR-2006	Common	1,000	4.45
27-MAR-2006	Common	10,000	4.66
27-MAR-2006	Common	2,000	4.65

29-MAR-2006	Common	9,240	4.45
29-MAR-2006	Common	2,000	4.45
30-MAR-2006	Common	5,481	4.38

The following transactions were effected by Elliott International during the past sixty (60) days:

<u>Date</u>	Security	Amount of Shs. <u>Bought</u> (Sold	Approx. Price per Share (excl.
			of commissions)
06-FEB-2006	Common	12,000	6.50
06-FEB-2006	Common	1,806	6.46
07-FEB-2006	Common	12,000	6.54
08-FEB-2006	Common	4,800	5.93
08-FEB-2006	Common	16,590	6.00
21-FEB-2006	Common	61,221	6.56
22-FEB-2006	Common	15,000	6.08
22-FEB-2006	Common	37,979	6.11
23-FEB-2006	Common	11,820	6.15
23-FEB-2006	Common	180	6.03
24-FEB-2006	Common	30,000	5.19
24-FEB-2006	Common	15,000	5.10
24-FEB-2006	Common	96,000	5.10
10-MAR-2006	Common	9,360	4.89
13-MAR-2006	Common	33,600	4.94
14-MAR-2006	Common	420	4.85
14-MAR-2006	Common	30,000	4.89
15-MAR-2006	Common	204,000	4.95
16-MAR-2006	Common	3,600	4.50
16-MAR-2006	Common	360	4.70
17-MAR-2006	Common	51,000	4.50
17-MAR-2006	Common	9,005	4.58
21-MAR-2006	Common	3,000	4.55
22-MAR-2006	Common	1,500	4.45
27-MAR-2006	Common	15,000	4.66
27-MAR-2006	Common	3,000	4.65
29-MAR-2006	Common	13,860	4.45
29-MAR-2006	Common	3,000	4.45
30-MAR-2006	Common	8,222	4.38

All of the above transactions were effected on the Nasdaq National Market.

No other transactions with respect to the Common Stock that are required to be reported on Schedule 13D were effected by any of the Reporting Persons during the past sixty (60) days.

(d) No person other than Elliott has the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the shares of Common Stock beneficially owned by Elliott.

No person other than Elliott International and EICA has the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the shares of Common Stock beneficially owned by Elliott International and EICA.

(e) Not applicable.

ITEM 6. Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer.

Not applicable.

ITEM 7. Material to be Filed as Exhibits.

Exhibit A - Joint Filing Agreement

SIGNATURES

After reasonable inquiry and to the best of its knowledge and belief, the undersigned each certifies that the information with respect to it set forth in this statement is true, complete and correct.

Dated: April 7, 2006

ELLIOTT ASSOCIATES, L.P.

By: Elliott Capital Advisors, L.P., as General PartnerBy: Braxton Associates, Inc., as General Partner

By: /s/ Elliot Greenberg

Elliot Greenberg Vice President

ELLIOTT INTERNATIONAL, L.P.

By: Elliott International Capital Advisors Inc.,

as Attorney-in-Fact

By: /s/ Elliot Greenberg

Elliot Greenberg Vice President

ELLIOTT INTERNATIONAL CAPITAL ADVISORS INC.

By: /s/ Elliot Greenberg

Elliot Greenberg Vice President

EXHIBIT A

JOINT FILING AGREEMENT

The undersigned hereby agree that the statement on Schedule 13D with respect to the common stock of Endologix, Inc. dated April 7, 2006 is, and any further amendments thereto signed by each of the undersigned shall be, filed on behalf of each of the undersigned pursuant to and in accordance with the provisions of Rule 13d-1(f) under the Securities Exchange Act of 1934, as amended.

Dated: April 7, 2006

ELLIOTT ASSOCIATES, L.P.

By: Elliott Capital Advisors, L.P., as General PartnerBy: Braxton Associates, Inc., as General Partner

By: /s/ Elliot Greenberg

Elliot Greenberg Vice President

ELLIOTT INTERNATIONAL, L.P.

By: Elliott International Capital Advisors Inc.,

as Attorney-in-Fact

By: /s/ Elliot Greenberg

Elliot Greenberg Vice President

ELLIOTT INTERNATIONAL CAPITAL ADVISORS INC.

By: /s/ Elliot Greenberg

Elliot Greenberg Vice President