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(b) []

3 SEC USE ONLY

4 Citizenship or Place of Organization

California

5 Sole Voting Power

1,095,004

NUMBER OF SHARES 6 Shared Voting Power

-0-

BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

7 Sole Dispositive Power

1,539,285

8 Shared Dispositive Power

-0-

9 Aggregate Amount Beneficially Owned by each Reporting Person

1,539,285

10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* []

11 Percent of Class Represented by Amount in Row 9

4.1%

12 Type of Reporting Person*

CA, IA

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Item 1(a). Name of Issuer.

OrthoLogic Corporation

Item 1(b). Address of Issuer's Principal Executive Offices.

1275 W. Washington Street, Tempe, Arizona 85281

Item 2(a). Names of Persons Filing.

Fuller & Thaler Asset Management, Inc.

Item 2(b). Address of Principal Business Office or, if none, Residence.

The business address of Fuller & Thaler Asset Management, Inc. is 411 Borel Avenue, Suite 402, San Mateo, CA 94402.

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Item 2(c). Citizenship.

Fuller & Thaler Asset Management, Inc. is a California corporation.

Item 2(d). Title of Class of Securities.

Common Stock

Item 2(e). CUSIP Number.

68750J107

Item 3. If this statement is filed pursuant to 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 Act (15 U.S.C. 78o).

(b) Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).

(c) Insurance company as defined in section 3(a)(19) of the 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).

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(e) An investment adviser in accordance with 240.13d-1(b)(1)(ii)(E).

(f) An employee benefit plan or endowment fund in accordance with 240.13d-1(b)(1)(ii)(F).

(g) A parent holding company or control person in accordance with 240.13b-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 240.13d-1(b)(1)(ii)(J).

Item 4. Ownership.

Reference is made hereby made to Items 5-9 and 11 of page two (2) of this Schedule 13GA, which Items are incorporated by reference herein.

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

Not applicable.

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

Fuller & Thaler Asset Management, Inc. is deemed to be the beneficial owner of the number of securities reflected in Item 5-9 and 11 of page two (2) of this Schedule 13G pursuant to separate arrangements whereby it acts as investment adviser to certain persons. Each person for whom Fuller & Thaler Asset Management, Inc. acts as investment adviser has the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the Common Stock purchased or held pursuant to such arrangements.

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

Not applicable.

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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, Fuller & Thaler Asset Management, Inc. certifies that, to the best of its knowledge and belief, the securities referred to above on page two (2) of this Schedule 13G 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 its knowledge and belief, the undersigned certifies that the information set forth in this statement is true, complete and correct.

DATED: February 9, 2005

Fuller & Thaler Asset Management, Inc.

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/s/ Martin M. Fawzy

By: Martin M. Fawzy
its: Director of Compliance