

ADVANCED MAGNETICS INC
Form SC 13G/A
February 14, 2007

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

SCHEDULE 13G

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

ADVANCED MAGNETICS, INC.

(Name of Issuer)

Common Stock, \$0.01 Par Value Per Share

(Title of Class of Securities)

00753P103

(CUSIP Number)

December 31, 2006

(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)
[X] 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 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 ("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).

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Sigma Capital Management, LLC

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) []
(b) [X]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER
0

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH
6 SHARED VOTING POWER
0 (see Item 4)

7 SOLE DISPOSITIVE POWER
0

8 SHARED DISPOSITIVE POWER
0 (see Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
0 (see Item 4)

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

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
0% (see Item 4)

12 TYPE OF REPORTING PERSON*
00

*SEE INSTRUCTION BEFORE FILLING OUT

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1 NAME OF REPORTING PERSON
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON
Steven A. Cohen

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) []
(b) [X]

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3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

5 SOLE VOTING POWER

0

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH
6 SHARED VOTING POWER

0 (see Item 4)

7 SOLE DISPOSITIVE POWER

0

8 SHARED DISPOSITIVE POWER

0 (see Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

0 (see Item 4)

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

[]

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

0% (see Item 4)

12 TYPE OF REPORTING PERSON*

IN

*SEE INSTRUCTION BEFORE FILLING OUT

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Item 1(a) Name of Issuer:

Advanced Magnetics, Inc.

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

125 Cambridge Park Drive-6th Floor
Cambridge, MA 02140

Items 2(a) Name of Person Filing:

This statement is filed by: (i) CR Intrinsic Investors, LLC ("CR Intrinsic Investors") with respect to shares of common

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stock, par value \$0.01 per share ("Shares"), of the Issuer beneficially owned by CR Intrinsic Investments, LLC ("CR Intrinsic Investments"); (ii) Sigma Capital Management, LLC ("Sigma Management") with respect to Shares beneficially owned by Sigma Capital Associates, LLC ("Sigma Capital Associates") and (iii) Steven A. Cohen with respect to Shares beneficially owned by CR Intrinsic Investors, CR Intrinsic Investments, Sigma Management and Sigma Capital Associates.

CR Intrinsic Investors, Sigma Management and Steven A. Cohen have entered into a Joint Filing Agreement, a copy of which is filed with this Schedule 13G as Exhibit 99.1, pursuant to which they have agreed to file this Schedule 13G jointly in accordance with the provisions of Rule 13d-1(k) of the Securities Exchange Act of 1934, as amended.

Item 2(b) Address of Principal Business Office:

The address of the principal business office of (i) CR Intrinsic Investors and Mr. Cohen is 72 Cummings Point Road, Stamford, Connecticut 06902 and (ii) Sigma Management is 540 Madison Avenue, New York, New York 10022.

Item 2(c) Citizenship:

CR Intrinsic Investors and Sigma Management are Delaware limited liability companies. Mr. Cohen is a United States citizen.

Item 2(d) Title of Class of Securities:

Common Stock, par value \$0.01 per share

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Item 2(e) CUSIP Number:

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Item 3 Not Applicable

Item 4 Ownership:

The percentages used herein are calculated based upon the Shares issued and outstanding as of November 15, 2006 as reported on the Issuer's annual report on Form 10-K filed with the Securities and Exchange Commission by the Issuer for the fiscal year ended September 30, 2006.

As of the close of business on December 31, 2006:

1. CR Intrinsic Investors, LLC
 - (a) Amount beneficially owned: -0-
 - (b) Percent of class: 0%
 - (c) (i) Sole power to vote or direct the vote: -0-

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- (ii) Shared power to vote or direct the vote: -0-
- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the disposition: -0-

2. Sigma Capital Management, LLC

- (a) Amount beneficially owned: -0-
- (b) Percent of class: 0%
- (c) (i) Sole power to vote or direct the vote: -0-
- (ii) Shared power to vote or direct the vote: -0-
- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the disposition: -0-

3. Steven A. Cohen

- (a) Amount beneficially owned: -0-
- (b) Percent of class: 0%
- (c) (i) Sole power to vote or direct the vote: -0-
- (ii) Shared power to vote or direct the vote: -0-
- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the disposition: -0-

Mr. Cohen controls each of CR Intrinsic Investors and Sigma Management. Each of CR Intrinsic Investors, Sigma Management and Mr. Cohen disclaim beneficial ownership of any of the securities covered by this statement.

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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. [X]

Item 6 Ownership of More than Five Percent on Behalf of Another

Person:

Not Applicable

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

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Item 9 Notice of Dissolution of Group:

Not Applicable

Item 10 Certification:

By signing below the signatory certifies that, to the best of his 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 that purpose or effect.

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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.

Dated: February 14, 2007

CR INTRINSIC INVESTORS, LLC

By: /s/ Peter Nussbaum

Name: Peter Nussbaum
Title: Authorized Person

SIGMA CAPITAL MANAGEMENT, LLC

By: /s/ Peter Nussbaum

Name: Peter Nussbaum
Title: Authorized Person

STEVEN A. COHEN

By: /s/ Peter Nussbaum

Name: Peter Nussbaum
Title: Authorized Person

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