
OMB APPROVAL

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

SCHEDULE 13G
UNDER THE SECURITIES EXCHANGE ACT OF 1934

(AMENDMENT NO. 9)*

ADVANCED MAGNETICS, INC.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

00753P 10 3

(CUSIP Number)

*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).

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1 NAME OF REPORTING PERSON
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Marlene Kaplan Goldstein 033-30-2024

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) []
(b) []

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

No Change

5 SOLE VOTING POWER
660,457

NUMBER OF
SHARES 6 SHARED VOTING POWER

BENEFICIALLY
OWNED BY 29,500
EACH
REPORTING 7 SOLE DISPOSITIVE POWER
PERSON
WITH 660,457

8 SHARED DISPOSITIVE POWER

29,500

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

689,957

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

See Item 4(a)

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

10.2%

12 TYPE OF REPORTING PERSON*

No Change

*SEE INSTRUCTIONS BEFORE FILLING OUT!

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Item 1:

(a) Name of Issuer:

Advanced Magnetics, Inc.

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

725 Concord Avenue
Cambridge, MA 02138

Item 2:

(a) Name of Person Filing:

Marlene Kaplan Goldstein

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

c/o Advanced Magnetics, Inc.
725 Concord Avenue
Cambridge, MA 02138

(c) Citizenship:

United States

(d) Title of Class of Securities:

Common Stock, \$.01 Par Value

(e) CUSIP Number:

00753P 10 3

Item 3: Status if filed pursuant to Rules 13d-1(b) or 13d-2(b):

Inapplicable

Item 4: Ownership:

(a) Amount Beneficially Owned:

689,957. This amount does not include 671,622 and 118,300 shares owned by spouse and daughters, respectively, as to which beneficial ownership of such shares is disclaimed.

(b) Percent of Class:

10.2% (based on 6,796,318 shares of Common Stock reported by the Company's transfer agent as outstanding at the close of business on February 3, 1997).

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

(i) sole power to vote or direct the vote 660,457.

(ii) shared power to vote or to direct the vote 29,500.

(iii) sole power to dispose or to direct the disposition of 660,457.

(iv) shared power to dispose or to direct the disposition of 29,500.

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

Inapplicable.

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

Inapplicable.

Item 7: Identification and Classification of the Subsidiary Which Acquired

the Security Being Reported on By the Parent Holding Company:

Inapplicable.

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

Inapplicable.

Item 9: Notice of Dissolution of Group:

Inapplicable.

Item 10: Certification:

Inapplicable.

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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.

FEBRUARY 7, 1997

Date

/s/ MARLENE KAPLAN GOLDSTEIN

Signature

Marlene Kaplan Goldstein, Secretary

Name/Title