ADVANCED MAGNETICS INC	
Form 8-A12G	
June 26, 2006	
UNITED STATES	
SECURITIES AND EXCHANGE COMMISSION	
Washington, D.C. 20549	
FORM 8-A	
FOR REGISTRATION OF CERTAIN CLASSES OF SECUR	RITIES
PURSUANT TO SECTION 12(b) OR 12(g) OF THE	
SECURITIES EXCHANGE ACT OF 1934	
ADVANCED MAGNETICS, INC (Exact Name of Registrant as Specified in Its Charter)	
<u>Delaware</u> (State of Incorporation or Organization)	04-2742593 (IRS Employer Identification No.)
125 CambridgePark Drive, 6th Floor <u>Cambridge, Massachusetts</u> (Address of Principal Executive Offices)	<u>02140</u> (Zip Code)
Securities to be registered pursuant to Section 12(b) of the Act:	
Title of Each Class	Name of Each Exchange on Which
to be so Registered	Each Class is to be Registered

None

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), check the following box: o
If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), check the following box: X
Securities Act registration statement file number to which this form relates: <u>333-119682</u>
Securities to be registered pursuant to Section 12(g) of the Act:
Common Stock, \$.01 par value per share (Title of Class)
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Item 1. Description of Registrant's Securities to be Registered.

A description of the common stock, \$.01 par value per share, of Advanced Magnetics, Inc. (the "Registrant") is contained in the Prospectus dated December 16, 2004 (File No. 333-119682), as supplemented by the Prospectus Supplements dated June 2, 2005, June 3, 2005 and March 6, 2006 filed with the Securities and Exchange Commission pursuant to Rule 424(b)(5) under the Securities Act of 1933, as amended. Such Prospectus, as so supplemented, is incorporated herein by reference.

Item 2. Exhibits.

The following exhibits are filed as a part of this Registration Statement:

Exhibit

<u>Number</u>	<u>Description of Document</u>
3.1	Certificate of Incorporation of the Registrant, as amended (incorporated herein by reference to Exhibit 3.1 to
	the Registrant s Quarterly Report on Form 10-Q for the quarter ended March 31, 2006, File No. 0-14732).
3.2	By-laws of the Registrant (incorporated herein by reference to Exhibit 3.1 to the Registrant s Annual Report
	on Form 10-K for the fiscal year ended September 30, 2000, File No. 0-14732).
4.1	Specimen certificate representing the Company s Common Stock (incorporated herein by reference to
	Exhibit 6 to the Company s Registration Statement on Form 8-A, Reg. No. 1-10865).
4.2	Description of Capital Stock contained in Exhibits 3.1 and 3.2.
4.3	Form of Common Stock Purchase Warrant (incorporated herein by reference to Exhibit 4.4 to the Company s
	Registration Statement on Form S-3 (No. 333-107517)).
4.4	Form of Common Stock Purchase Warrant (incorporated herein by reference to Exhibit 4.1 to the Company s
	Current Report on Form 8-K dated June 1, 2005 (File No. 333-119682)).

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SIGNATURES

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

ADVANCED MAGNETICS, INC.

Date: June 26, 2006 By: /s/ Jerome Goldstein

Name: Jerome Goldstein

Title: Chairman of the Board of Directors,

Chief Executive Officer and Treasurer

EXHIBIT INDEX

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