08-12-2003 Form PTO-1595 R U.S. DEPARTMENT OF COMMERCE (Rev. 10/02) U.S. Patent and Trademark Office OMB No. 0651-0027 (exp. 6/30/2005) 102523867 Tab settings ⇔⇒ ⇔ To the Honorable Commissioner of patents and votemarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Ernest V. Groman Name: Advanced Magnetics, Inc. Kenneth G. Paul Timothy B. Frigo Internal Address: _ Additional name(s) of conveying party(ies) attached? X Yes No 3. Nature of conveyance: Assignment Merger | Street Address: 61 Mooney Street Change of Name Security Agreement Other___ Cambridge State: MA Zip: 02138 Execution Date: March 6, 2000 Additional name(s) & address(es) attached? Yes No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:____ A. Patent Application No.(s) B. Patent No.(s) 10/386,394 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$40.00 Name:Barbara J. Carter Enclosed Internal Address: Bromberg & Surstein LLP Authorized to be charged to deposit account 08/11/2003 ECOOPER 00000050 194972 10386394 01 FC:8621 40.00 DA 8. Deposit account number: Street Address: 125 Summer Street 19-4972 (Attach duplicate copy of this page if paying by deposit account) State: MA Zip: 02110 City: Boston DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Barbara J. Carter Signatur Date Name of Person Signing

> Total number of pages including cover sheet, attachments, and documents: It documents to be recorded with required cover sheet information to:

PATENT TRADEMARK OFFICE

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PATENTS ONLY (Form PTO-1595)				
1. Name of conveying party(ies): Howard Bengele TRADEMINE	Jerome M. Lewis			
Additional name(s) of conveying party(ies) attached?	Yes X No			
2. Name and address of receiving party(ies) Name: Internal Address: Street Address:				
City: State:				
Name and address of receiving party(ies) Name: Internal Address: Street Address:				
City: State:				
Additional name(s) & address(es) attached?	🗀 Yes 🖾 No			
Application number(s) or patent number(s): If this document is being filed together with a new application.	ition, the execution date of the application is:			
A. Patent Application No.(s)	B. Patent No.(s)			
Additional numbers attached?	Yes ⊠ No			

PATENT REEL: 014362 FRAME: 0008 **ASSIGNMENT**

ASSIGNOR:

Ernest V. Groman

Kenneth G. Paul Timothy B. Frigo Howard Bengele

Jerome M. Lewis

ASSIGNEE:

Advanced Magnetics, Inc.

61 Mooney Street

Cambridge, MA 02138

STATE OF INCORPORATION OF ASSIGNEE: Delaware

INVENTION:

HEAT STABLE COLLOIDAL IRON OXIDES COATED WITH

REDUCED CARBOHYDRATES AND CARBOHYDRATE

DERIVATIVES

ATTORNEY DOCKET:

1275/190

SERIAL NO:

Not Yet Assigned

FILED:

Herewith

Assignor is the sole inventor (if only one inventor is listed above) or a joint inventor (if more than one inventor is listed above) of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and

PATENT REEL: 014362 FRAME: 0009 all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

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IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below. Date: 6 MARCH 2000 Ernest V. Groman, Assignor STATE OF Mass . COUNTY OF Middleach) ss. Before me, a notary public in and for said county and state, personally appeared Ernest V. Groman, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature. Notary Public
My Commission Expires: May 18, 2001 (seal) Kenneth G. Paul, Assignor STATE OF MASSAChuseHS, county of mid Dilesof) ss. Before me, a notary public in and for said county and state, personally appeared Kenneth the same to be his free act and deed on the date written above opposite his signature.

G. Paul, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared

My Commission Expires:

MY COMMISSION EXPIRES

(seal)

Date: 3-3-00 Timothy B. Frigo, Assignor
STATE OF MASSACHUSETTS
) ss. COUNTY OF MIDDLESEX
Before me, a notary public in and for said county and state, personally appeared Timothy B. Frigo, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature. Application
(seal)
Date: 3-3-00 ferome M. Lewis, Assignor
STATE OF MASSACHUSETTS)
STATE OF MASSACHUSETTS)) ss. COUNTY OF MIDDLESEX)
Before me, a notary public in and for said county and state, personally appeared Jerome M. Lewis, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature. Adulus

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Date:3_	3 -	3 ~	in
		-	

Howard H. Bengele, Assignor

STATE OF MASSACHUSETTS)

) ss.

COUNTY OF MIDDLESEX

RECORDED: 08/06/2003

Before me, a notary public in and for said county and state, personally appeared Howard H. Bengele, to be know to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

Notary Public

My Commission Expires: 4/7/00

(seal)

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PATENT REEL: 014362 FRAME: 0013