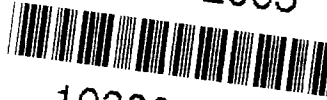


09-28-2005



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Erol GIRT (07/29/2005), Charles Frederick BRUCKER (09/10/2005), and Alexander Yulievich DOBIN (07/29/2005)

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: SEAGATE TECHNOLOGY LLC

Internal Address:

Street Address:

920 Disc Drive

City: Scotts Valley

State: California

Country: United States of America Zip: 95066

Additional name(s) & address(es) attached: Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

Assignment Merger Change of Name

Security Agreement Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
This application

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Raj S. Dave'
MORRISON & FOERSTER LLP

Internal Address: Atty. Dkt.: 146712012900
Street Address: 1650 Tysons Blvd, Suite 300

City: McLean
State: VA Zip: 22102

Phone Number: (703) 760-7755

Fax Number: (703) 760-7777

Email Address: RDave@mofo.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers
Expiration Date

b. Deposit Account Number 03-1952
Authorized User Name Raj S. Dave'

9. Signature:

Signature _____ Date September 22, 2005

Raj S. Dave' - 42,465
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

7

112975 U.S. PTO
11/28/1797



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09/27/2005 DBYRNE 00000223 031952 11231797

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ASSIGNMENT

Attorney Docket No. : 14671-20129.00

Seagate Docket No. : STL3507

WHEREAS, I/we Erol GIRT of 2704 College Ave., #4, Berkeley, CA 94705 USA, Canada; Charles Frederick BRUCKER of 2639 Calle Reynoso, _____; and Alexander Yulievich DOBIN of 231 Dixon Landing Rd., Apt. 314, Milpitas, CA 95035, USA, Russia, the inventor(s) of an invention entitled **ANTI-FERROMAGNETICALLY COUPLED SOFT UNDERLAYER** that is the subject matter of: (check all that apply)

- a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. _____ filed on _____;
- an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. _____ filed on _____; and
- an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. _____ filed on _____; and

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California, 95066 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I/we transfer to Assignee, its successors and assigns, my/our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and I/we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

I/We represent to the Assignee, its successors and assigns, that I/we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I/We, my/our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.

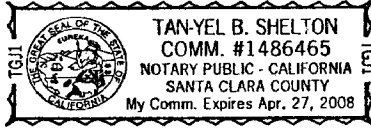
va-119652

PATENT
REEL: 017023 FRAME: 0957

Erol GIRT

Erol GIRT (Inventor)

State of California)
County of Blumada) SS.



Subscribed and sworn to (or affirmed) before me this 29 day of July (month), 05 (year) by
Erol GIRT (name of signer).

Tan-Yel B. Shelton

Notary Public

(SEAL)

Charles Frederick BRUCKER (Inventor)

State of _____)
County of _____) SS.

Subscribed and sworn to (or affirmed) before me this _____ day of _____ (month), _____ (year) by

(name of signer).

Notary Public

(SEAL)

DOBIN

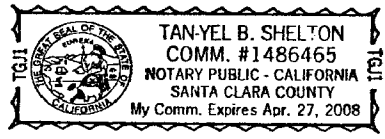
Alexander Yulievich DOBIN (Inventor)

State of California)
) SS.
County of Alameda)

Subscribed and sworn to (or affirmed) before me this 29 day of July (month), 2005 (year) by
Alexander Yulievich Dobin (name of signer).
aka Alexander Dobin

Tan-Yel B. Shelton
Notary Public

(SEAL)



ASSIGNMENT

Attorney Docket No. : 14671-20129.00

Seagate Docket No. : STL3507

WHEREAS, I/we Erol GIRT of 2704 College Ave., #4, Berkeley, CA 94705 USA, Canada; Charles Frederick
BUCKER of 2639 Calle Reynoso, PLEASANTON, CA 94566; and Alexander
Mullievich DOBIN of 231 Dixon Landing Rd., Apt. 314, Milpitas, CA 95035, USA, Russia, the inventor(s) of an
invention entitled **ANTI-FERROMAGNETICALLY COUPLED SOFT UNDERLAYER** that is the subject matter of:
(check all that apply)

- a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office
by Application No. _____ filed on _____;
- an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by
Application No. _____ filed on _____; and
- an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is
identifiable in the United States Receiving Office by Application No.
_____ filed on _____; and

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State
of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California, 95066
USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications,
and any and all Letters Patent or similar foreign or domestic legal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby
acknowledged, I/we transfer to Assignee, its successors and assigns, my/our entire right, title and interest in and
to the invention, the above-identified applications, all provisional applications from which any of the above-
identified applications claim priority, corresponding domestic and foreign applications, any continuation, division,
renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal
protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or
convention; and I/we authorize the Director of the United States Patent and Trademark Office or foreign
equivalent to issue the Letters Patent or similar legal protection to the Assignee.

I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application
numbers when ascertained. I/We further authorize the Assignee, its successors and assigns, or anyone it may
properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all
foreign countries and appoint Assignee the common representative in the above identified international application
and any international application for the invention.

I/We represent to the Assignee, its successors and assigns, that I/we have not and shall not execute any writing or
do any act whatsoever conflicting with this Assignment. I/We, my/our executors or administrators, will at any time
upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns,
execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as
the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all
assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal
protection on the invention in any and all countries, including without limitation providing testimony in any related
interference, litigation or proceeding.

COUPLED SOFT UNDERLAYER

Erol GIRT (Inventor)

_____))
_____)) SS.
_____))

Subscribed and sworn to (or affirmed) before me this _____ day of _____ (month), _____ (year) by _____ (name of signer).

Notary Public

(SEAL)

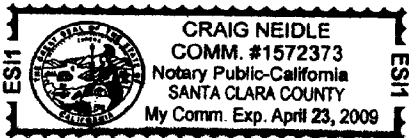
Charles Frederick Brucker
Charles Frederick BRUCKER (Inventor)

State of California)
County of Alameda)) SS.

Subscribed and sworn to (or affirmed) before me this 10 day of September (month), 2005 (year) by Charles Frederick Brucker (name of signer).

[Signature]
Notary Public

(SEAL)



Page 3 of 4

No.:

By:

INVENTOR: ALEXANDER YULIEVICH DOBIN (INVENTOR)
TITLE: METHOD AND APPARATUS FOR PROVIDING A COUPLED SOFT UNDERLAYER

Alexander Yulievich DOBIN (Inventor)

I am sworn to (or affirmed) before me this _____ day of _____ (month), _____ (year) by
_____ (name of signer).

Notary Public

(SEAL)