

**PATENT RECORDS
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07-13-2004



Attorney Docket No.
S01.12-1037 / STL 11871.00

To the Honorable Director of
attached original document or

102790016

Trademark Office: Please record the

1. Name of conveying party(ies):
 (1) Xueshi Yang
 (2) Erozan M. Kurtas
 (3)

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

2. Name and address of receiving
 party(ies):
 Name: Seagate Technology LLC
 Internal Address: _____
 Street Address: 920 Disc Drive
 City Scotts Valley State CA ZIP 95066

Additional name(s) & address(es) attached?
 [] Yes [X] No

22141 U.S.PTD
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 066004

3. Nature of Conveyance:
 Assignment [] Merger
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 Change of Name [] Other _____

Execution Date: June 30, 2004; June 30, 2004;

6-30-04

4A. Application No. (s)

If this document is being filed together with a
 new application, the execution date(s) of the
 application is: June 30, 2004; June 30, 2004;

Additional numbers attached? [] Yes [X] No

4B. Patent No. (s)

Additional numbers attached?
 [] Yes [] No

5. Name and address of party to whom corres-
 pondence concerning document should be mailed:

Name: Judson K. Champlin

Street Address: Westman, Champlin & Kelly, P.A
Suite 1600
International Centre
900 Second Avenue South

City: Minneapolis State: MN ZIP 55402

6. Total number of applications and
 patents involved: [1]

10881398

7. Total fee (37 CFR 3.41):.....\$ 40.00

8. Method of Payment
 Enclosed
 The Director is authorized to
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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.

Judson K. Champlin
 Name of Person Signing

[Signature]
 Signature

June 30, 2004
 Date

Total number of pages submitted: **3**

ASSIGNMENT

Attorney Docket No. : S01.12-1037

Seagate Docket No. : STL 11871.00

WHEREAS, I/we Xueshi Yang of 1922 Teal Terrace, Pittsburgh PA 15237, USA, and Erozan M. Kurtas of 910 Bingham Street Unit J, Pittsburgh PA 15203, USA are the inventor(s) of an invention entitled RETRIAL AND REREAD METHODS AND APPARATUS FOR RECORDING CHANNELS 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 _____, S01.12-1037/STL 11871.00 and/or executed on even date herewith; 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 Delaware limited liability company corporation, 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30th day of June, 2004.

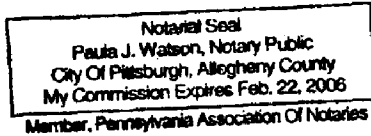
Xueshi Yang
Xueshi Yang

STATE OF PENNSYLVANIA)
)ss:
COUNTY OF ALLEGHENY)

On this 30th day of JUNE, 2004, before me personally appeared Xueshi Yang to me known to be identified herein, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes herein set forth.

Paula J. Watson
Notary Public

[SEAL]



IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of June, 2004.

Erozan M. Kurtas
Erozan M. Kurtas

STATE OF PENNSYLVANIA)
)ss:
COUNTY OF ALLEGHENY)

On this 30th day of JUNE, 2004, before me personally appeared Erozan M. Kurtas to me known to be identified herein, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes herein set forth.

Paula J. Watson
Notary Public

[SEAL]

