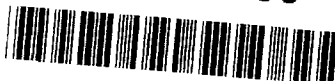


06-15-2006

PATENT RECORDATION
COVER SHEETAttorney Docket No.
1.12-1100/STL 12747.00

103257837

To the Honorable Director of the United States
attached original document or copy thereof.

Mark Office: Please record the

1. Name of conveying party(ies):

- (1) Mehmet F. Erden
(2) Mark D. Bedillion
(3) Erozan M. Kurtas
(4) Xueshi Yang
(5) Darren W. Karns

Additional name(s) of conveying party(ies)
attached? [] Yes [X] No2. Name and address of receiving
party(ies):Name: Seagate Technology LLCStreet Address: 920 Disc DriveCity Scotts Valley State CA ZIP 95066Additional name(s) & address(es) attached?
[] Yes [X] No

3. Nature of Conveyance:

- [X] Assignment [] Merger
[] Security Agreement
[] Change of Name [] Other _____

Execution Date: 1)-3)& 5) June 8, 2006;
4) June 3, 2006

4A. Application No.(s)

If this document is being filed together with a
new application, the execution date(s) of the
application is: 1)-3)& 5) June 8, 2006;
4) June 3, 2006

Additional numbers attached? [] Yes [X] No

4B. Patent No.(s)

Additional numbers attached?
[] Yes [] No5. Name and address of party to whom corres-
pondence concerning document should be mailed:

Name: Alan G. Rego
Street Address: Westman, Champlin & Kelly, P.A
Suite 1400
900 Second Avenue South
City: Minneapolis State: MN ZIP 55402

6. Total number of applications and
patents involved: [1]7. Total fee (37 CFR 3.41):.....\$ 40.00

8. Method of Payment

- [X] Enclosed PTO-2038
[X] The Director is authorized to
charge payment of any additional
recording fees or credit any
overpayment to deposit account
No. 23-1123.

06/13/2006 FFANAEIA 00000023 11450208

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40.00 DP

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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.

Alan G. Rego
Name of Person Signing

Signature

Date

6/9/06

Total number of pages submitted: [5]

PATENT

REEL: 017989 FRAME: 0224

ASSIGNMENT

Attorney Docket No. : S01.12-1100

Seagate Docket No. : STL 12747.00

WHEREAS, We Mehmet F. Erden of 5600 Munhall Road, Apt. 511, Pittsburgh, PA 15217 and USA, Mark D. Bedillion of 2855 Clearview Road, Allison Park, PA 15101 and USA, Erozan M. Kurtas of 910 Bingham Street, Room J, Pittsburgh, PA 15203 and USA, Xueshi Yang of 6420 Forbes Avenue, Pittsburgh, PA 15217 and USA and Darren W. Karns of 104 Cloverdale Drive, Evans City, PA 16033 and USA are the inventors of an invention entitled POSITIONING OF A HEAD ARRAY OVER A DATA STORAGE MEDIUM 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 _____, S01.12-1100/STL 12747.00, 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.

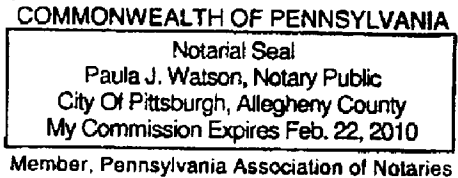
IN TESTIMONY WHEREOF, I have hereunto set my hand this 8 day of June, 2006.

Mehmet F. Erden

STATE OF PENNSYLVANIA)
)ss:
COUNTY OF ALLEGHENY)

On this 8th day of June, 2006, before me personally appeared Mehmet F. Erden 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.

Notary Public



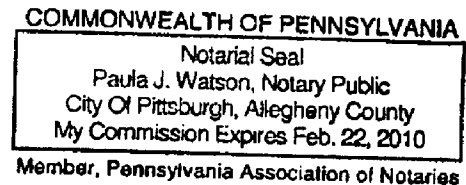
IN TESTIMONY WHEREOF, I have hereunto set my hand this 8th day of June, 2006.

Mark D. Bedillion

STATE OF PENNSYLVANIA)
)ss:
COUNTY OF ALLEGHENY)

On this 8th day of June, 2006, before me personally appeared Mark D. Bedillion 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.

Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 8 day of June, 2006.

Erozan M. Kurtas

Erozan M. Kurtas

STATE OF PENNSYLVANIA)

)ss:

COUNTY OF ALLEGHENY)

On this 8th day of JUNE, 2006, 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

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Paula J. Watson, Notary Public
City Of Pittsburgh, Allegheny County
My Commission Expires Feb. 22, 2010

Member, Pennsylvania Association of Notaries

[SEAL]

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3rd day of June, 2006.

Xueshi Yang

STATE OF CALIFORNIA)

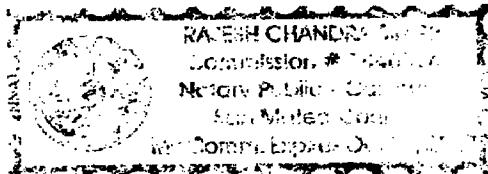
)ss:

COUNTY OF SANTA CLARA)

On this 03rd day of JUNE, 2006, 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.

(RATESH CHANDRA SINGH)
Notary Public

[SEAL]



IN TESTIMONY WHEREOF, I have hereunto set my hand this 8th day of June, 2006.

Darren W Karns
Darren W. Karns

STATE OF PENNSYLVANIA)
)ss:
COUNTY OF ALLEGHENY)

On this 8th day of June, 2006, before me personally appeared Darren W. Karns 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]

