

03-23-2007

PATENT



103386332

Attorney Docket No.: S895.12-0035 -- hjn

To the Commissioner for Patents: Mail Stop Assignment Recordation Services - Please record the attached copy thereof.

1. Name of conveying party(ies): 3.16.07

(1) Mallika Roy
 (2) Kaizhong Gao
 (3) Insik Jin
 (4) William Bruce Fitzpatrick
 (5) Housan S. Dakroub
 (6) Sining Mao

(7) Song S. Xue
 (8) Jeffrey Howard Lake
 (9) Dadi Setiadi

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: CA ZIP 95066

112963 U.S. PTO
11/724739

3. Nature of Conveyance:
 Assignment Merger Security Agreement
 Change of Name Other _____

Execution Date:

(1) Mallika Roy: February 28, 2007
 (2) Kaizhong Gao: February 28, 2007
 (3) Insik Jin: February 28, 2007
 (4) William Bruce Fitzpatrick: March 1, 2007
 (5) Housan S. Dakroub: February 28, 2007
 (6) Sining Mao: March 10, 2007

(7) Song S. Xue: February 28, 2007
 (8) Jeffrey Howard Lake: February 28, 2007
 (9) Dadi Setiadi: February 28, 2007

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

4A. Application No.(s)

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

(1) Mallika Roy: February 28, 2007
 (2) Kaizhong Gao: February 28, 2007
 (3) Insik Jin: February 28, 2007
 (4) William Bruce Fitzpatrick: March 1, 2007
 (5) Housan S. Dakroub: February 28, 2007
 (6) Sining Mao: March 10, 2007

(7) Song S. Xue: February 28, 2007
 (8) Jeffrey Howard Lake: February 28, 2007
 (9) Dadi Setiadi: February 28, 2007

Additional numbers attached? Yes No

4B. Patent No.(s)

Additional numbers attached?
 Yes No

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

Name: Paul G. Koziol
 Street Address: Kinney & Lange, P.A.,
312 South Third Street
 City: Minneapolis State: MN ZIP 55415-1002

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

7. Total fee (37 C.F.R. 3.41):.....\$ 40.00
 The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. 1.16 and 1.17 and credit any over payments to Deposit Account No.11-0982. Deposit Account Name: Kinney & Lange, P.A. A duplicate copy of this communication is enclosed.

DO NOT USE THIS SPACE

3/22/2007 DBYRNE 00000085 11724739

1 FC:8021 40.00 OP

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.

Paul G. Koziol
 Paul G. Koziol

3/16/07
 Date

Total number of pages including cover sheet, attachments and document: [14]

ASSIGNMENT

Attorney Docket No. : S895.12-0035

Seagate Docket No. : STL 13387.00

WHEREAS, we, Mallika Roy, of Edina, MN, U.S.A.; Kaizhong Gao of Eden Prairie, MN, U.S.A.; Insik Jin, of Eagan, MN, U.S.A.; William Bruce Fitzpatrick, of Prior Lake, MN, U.S.A.; Housan S. Dakroub, of Dearborn Heights, MI, U.S.A.; Sining Mao, of Eden Prairie, MN, U.S.A.; Song S. Xue, of Edina, MN, U.S.A.; Jeffrey Howard Lake, of Bloomington, MN, U.S.A.; and Dadi Setiadi, of Edina, MN, U.S.A., are the inventor(s) of an invention entitled MAGNETIC RECORDING DEVICE INCLUDING A THERMAL PROXIMITY SENSOR 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 has been executed on even date herewith and/or 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 Delaware limited liability 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, we transfer to Assignee, its successors and assigns, 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 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.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. 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.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, 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 28th day of Feb, 2007.

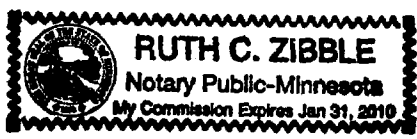
Mallika Roy
Mallika Roy

STATE OF Minnesota)
)ss.
COUNTY OF Hennepin)

On this 28th day of Feb, 2007, before me personally appeared Mallika Roy 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.

Ruth C. Zibble
Notary Public

[SEAL]



IN TESTIMONY WHEREOF, I have hereunto set my hand this 28th day of Feb, 2007.

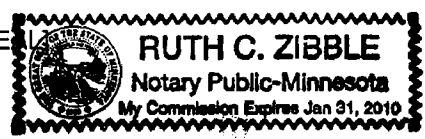
Kaizhong Gao
Kaizhong Gao

STATE OF Minnesota)
)ss.
COUNTY OF Hennepin)

On this 28th day of Feb., 2007, before me personally appeared Kaizhong Gao 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.

Ruth C. Zibble
Notary Public

[SEAL]



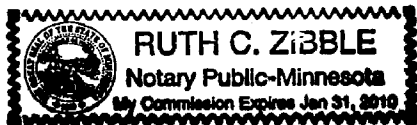
IN TESTIMONY WHEREOF, I have hereunto set my hand this 28th day of Feb., 2007.

Insik Jin
Insik Jin

STATE OF Minnesota)
)ss.
COUNTY OF Hennepin)

On this 28th day of Feb, 2007, before me personally appeared Insik Jin 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.

[SEAL]



Ruth C. Zibble
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1 day of March, 2007.

William Bruce Fitzpatrick
William Bruce Fitzpatrick

STATE OF MN)
)ss.
COUNTY OF Scott)

On this March 1st day of March, 2007, before me personally appeared _____ 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.

[SEAL]



Michelle A. Kollasch
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28th day of Feb, 2007.

Housan S. Dakroub

Housan S. Dakroub

STATE OF Minnesota)

COUNTY OF Hennepin)ss.

On this 28th day of Feb, 2007, before me personally appeared Housan S. Dakroub 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.

[SEAL]



Ruth C. Zibble
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 200__.

Sining Mao

STATE OF _____)

COUNTY OF _____)ss.

On this _____ day of _____, 200__, before me personally appeared _____ 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.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of Feb, 2007.

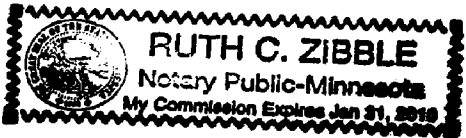
Song S. Xue

STATE OF Minnesota)
)ss.
COUNTY OF Hennepin)

On this 28th day of Feb, 2007, before me personally appeared Song S. Xue 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.

Ruth C. Zibble
Notary Public

[SEAL]



IN TESTIMONY WHEREOF, I have hereunto set my hand this 28th day of Feb., 2007.

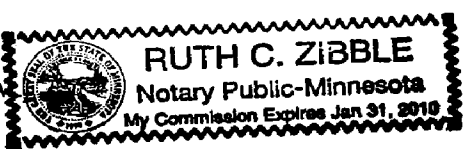
Jeffrey Howard Lake

STATE OF Minnesota)
)ss.
COUNTY OF Hennepin)

On this 28th day of Feb, 2007, before me personally appeared Jeffrey Howard Lake 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.

Ruth C. Zibble
Notary Public

[SEAL]



IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of February, 2007.

Setiadi
Dadi Setiadi

STATE OF Minnesota)
)ss.
COUNTY OF Hennepin)

On this 28th day of Feb., 2007, before me personally appeared Dadi Setiadi 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.



Ruth C. Zibble
Notary Public

ASSIGNMENT

Attorney Docket No. : S895.12-0035

Seagate Docket No. : STL 13387.00

WHEREAS, we, Mallika Roy, of Edina, MN, U.S.A.; Kaizhong Gao of Eden Prairie, MN, U.S.A.; Insik Jin, of Eagan, MN, U.S.A.; William Bruce Fitzpatrick, of Prior Lake, MN, U.S.A.; Housan S. Dakroub, of Dearborn Heights, MI, U.S.A.; Sining Mao, of Eden Prairie, MN, U.S.A.; Song S. Xue, of Edina, MN, U.S.A.; Jeffrey Howard Lake, of Bloomington, MN, U.S.A.; and Dadi Setiadi, of Edina, MN, U.S.A., are the inventor(s) of an invention entitled MAGNETIC RECORDING DEVICE INCLUDING A THERMAL PROXIMITY SENSOR 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 has been executed on even date herewith and/or 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 Delaware limited liability 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, we transfer to Assignee, its successors and assigns, 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 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.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. 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.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, 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 _____ day of _____, 200__.

Mallika Roy

STATE OF _____)
)ss.
COUNTY OF _____)

On this _____ day of _____, 200__, before me personally appeared _____ 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.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 200__.

Kaizhong Gao

STATE OF _____)
)ss.
COUNTY OF _____)

On this _____ day of _____, 200__, before me personally appeared _____ 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.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 200__.

Housan S. Dakroub

STATE OF _____)
)ss.
COUNTY OF _____)

On this _____ day of _____, 200__, before me personally appeared _____ 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.

[SEAL]

Notary Public

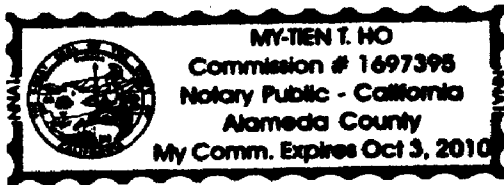
IN TESTIMONY WHEREOF, I have hereunto set my hand this 10th day of March, 2007

Sining Mao
Sining Mao

STATE OF California)
)ss.
COUNTY OF Alameda)

On this 10th day of March, 2007, before me personally appeared Sining Mao 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.

[SEAL]



[Signature]
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 200__.

Song S. Xue

STATE OF _____)

)ss.

COUNTY OF _____)

On this _____ day of _____, 200__, before me personally appeared _____ 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.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 200__.

Jeffrey Howard Lake

STATE OF _____)

)ss.

COUNTY OF _____)

On this _____ day of _____, 200__, before me personally appeared _____ 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.

[SEAL]

Notary Public

