

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Marsha Anne Huha	01/29/2010
Ki Myung Lee	02/02/2010
Anil Junuthula Reddy	01/29/2010
Ying Dong	01/28/2010
Gary Joseph Kunkel	01/29/2010
Matthew Aaron Carper	01/29/2010
Andrew David Frenz	02/01/2010
John L. Brand	01/28/2010
Quinn Jay Haddock	02/02/2010

RECEIVING PARTY DATA

Name:	Seagate Technology LLC
Street Address:	920 Disc Drive
City:	Scotts Valley
State/Country:	CALIFORNIA
Postal Code:	95066

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12701362

CORRESPONDENCE DATA

Fax Number: (612)339-6580

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 6123391863

Email: azuege@kinney.com

Correspondent Name: Austen Zuege

Address Line 1: 312 South Third Street

Address Line 2: Kinney & Lange, P.A.

501087000

PATENT
REEL: 023907 FRAME: 0846

CH \$40.00 12701362

Address Line 4: Minneapolis, MINNESOTA 55415

ATTORNEY DOCKET NUMBER:

S895.12-0115

NAME OF SUBMITTER:

Austen Zuege

Total Attachments: 12

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ASSIGNMENT

Attorney Docket No. : S895.12-0115

Seagate Docket No. : STL14351.00

WHEREAS, we, **Marsha Anne Huha**, of Minneapolis, MN, U.S.A.; **Ki Myung Lee**, of Eden Prairie, MN, U.S.A.; **Anil Junuthula Reddy**, of Minneapolis, MN, U.S.A.; **Ying Dong**, of Eden Prairie, MN, U.S.A.; **Gary Joseph Kunkel**, of Minneapolis, MN, U.S.A.; **Matthew Aaron Carper**, of Minneapolis, MN, U.S.A.; **Andrew David Frenz**, of Minneapolis, MN, U.S.A.; **John L. Brand**, of Burnsville, MN, U.S.A.; and **Quinn Jay Haddock**, of Longmont, CO, are the inventor(s) of an invention entitled MATERIAL DEPOSITION ON TRANSDUCING HEAD 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 by its title and named inventors listed above, 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, transfer to Assignee, its successors and assigns, 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 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 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.

PATENT

REEL: 023907 FRAME: 0848

ASSIGNMENT

Attorney Docket No. : S895.12-0115
Seagate Docket No. : STL14351.00

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29 day of January, 2010.

Marsha Anne Huha
Marsha Anne Huha

STATE OF MN)

)ss.

COUNTY OF Hennepin)

On this 29th day of January, 2010, before me personally appeared Marsha Anne Huha 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]



Diane M. Chapman
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2010.

Ki Myung Lee
Ki Myung Lee

STATE OF _____)

)ss.

COUNTY OF _____)

On this _____ day of _____, 2010, 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

ASSIGNMENT

Attorney Docket No. : S895.12-0115

Seagate Docket No. : STL14351.00

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29 day of January, 2010.

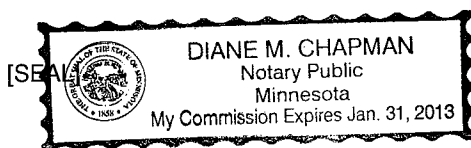
Anil Junuthula Reddy
Anil Junuthula Reddy

STATE OF Minnesota)

)ss.

COUNTY OF Hennepin)

On this 29th day of January, 2010, before me personally appeared Anil Junuthula Reddy 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.



Diane M. Chapman
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of January, 2010.

Ying Dong
Ying Dong

STATE OF Minnesota)

)ss.

COUNTY OF Hennepin)

On this 28th day of January, 2010, before me personally appeared Ying Dong 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]

Diane M. Chapman
Notary Public



ASSIGNMENT

Attorney Docket No. : S895.12-0115

Seagate Docket No. : STL14351.00

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29th day of JANUARY, 2010.



Gary Joseph Kunkel

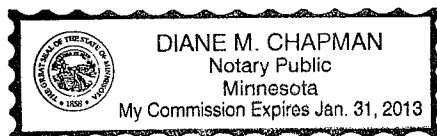
STATE OF MN)

)ss.

COUNTY OF HENNEPIN)

On this 29th day of JANUARY, 2010, before me personally appeared Gary Joseph Kunkel 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 29th day of JANUARY, 2010.



Matthew Aaron Carper

STATE OF MN)

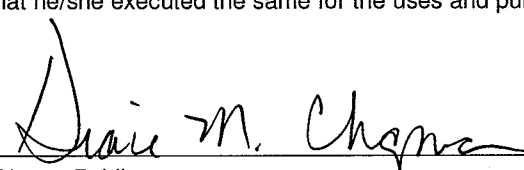
)ss.

COUNTY OF HENNEPIN)

On this 29th day of JANUARY, 2010, before me personally appeared Matthew Aaron Carper 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]





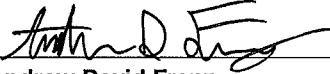
Notary Public

ASSIGNMENT

Attorney Docket No. : S895.12-0115

Seagate Docket No. : STL14351.00

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1st day of February, 2010.



Andrew David Frenz

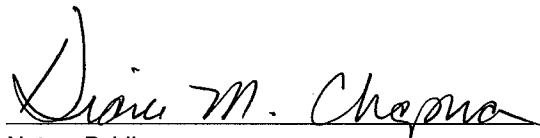
STATE OF Minnesota)

)ss.

COUNTY OF Hennepin)

On this 1st day of February, 2010, before me personally appeared Andrew David Frenz 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 28th day of January, 2010.



John L. Brand

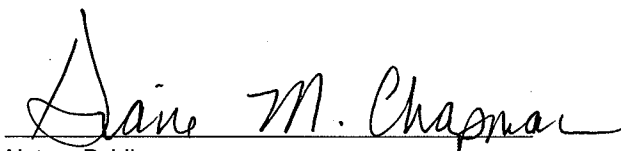
STATE OF Minnesota)

)ss.

COUNTY OF Hennepin)

On this 28th day of January, 2010, before me personally appeared John L. Brand 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

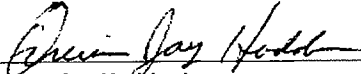


ASSIGNMENT

Attorney Docket No. : S895.12-0115

Seagate Docket No. : STL14351.00

IN TESTIMONY WHEREOF, I have hereunto set my hand this 2nd day of FEBRUARY, 2010.

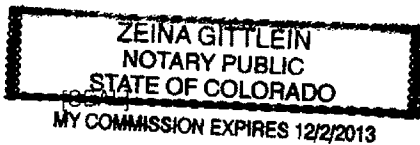

Quinn Jay Haddock

STATE OF MARICOPA)

)ss.

COUNTY OF BOULDER

On this 2nd day of February, 2010, before me personally appeared Quinn Jay Haddock 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

ASSIGNMENT

Attorney Docket No. : S895.12-0115

Seagate Docket No. : STL14351.00

WHEREAS, we, **Marsha Anne Huha**, of Minneapolis, MN, U.S.A.; **Ki Myung Lee**, of Eden Prairie, MN, U.S.A.; **Anil Junuthula Reddy**, of Minneapolis, MN, U.S.A.; **Ying Dong**, of Eden Prairie, MN, U.S.A.; **Gary Joseph Kunkel**, of Minneapolis, MN, U.S.A.; **Matthew Aaron Carper**, of Minneapolis, MN, U.S.A.; **Andrew David Frenz**, of Minneapolis, MN, U.S.A.; **John L. Brand**, of Burnsville, MN, U.S.A.; and **Quinn Jay Haddock**, of Longmont, CO, are the inventor(s) of an invention entitled MATERIAL DEPOSITION ON TRANSDUCING HEAD 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 by its title and named inventors listed above, 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, transfer to Assignee, its successors and assigns, 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 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 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.

ASSIGNMENT

Attorney Docket No. : S895.12-0115

Seagate Docket No. : STL14351.00

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2010.

Marsha Anne Huha

STATE OF _____)

)ss.

COUNTY OF _____)

On this _____ day of _____, 2010, 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 2 day of February, 2010.



Ki Myung Lee

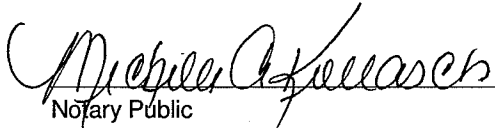
STATE OF MN)

)ss.

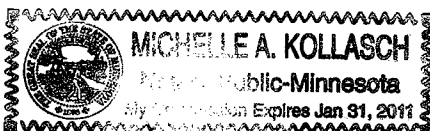
COUNTY OF Scott)

On this 2nd day of FEBRUARY, 2010, before me personally appeared Ki Myung Lee 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



ASSIGNMENT

Attorney Docket No. : S895.12-0115

Seagate Docket No. : STL14351.00

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2010.

Anil Junuthula Reddy

STATE OF _____)

)ss.

COUNTY OF _____)

On this _____ day of _____, 2010, 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 _____, 2010.

Ying Dong

STATE OF _____)

)ss.

COUNTY OF _____)

On this _____ day of _____, 2010, 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

ASSIGNMENT

Attorney Docket No. : S895.12-0115

Seagate Docket No. : STL14351.00

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2010.

Gary Joseph Kunkel

STATE OF _____)

)ss.

COUNTY OF _____)

On this _____ day of _____, 2010, 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 _____, 2010.

Matthew Aaron Carper

STATE OF _____)

)ss.

COUNTY OF _____)

On this _____ day of _____, 2010, 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

ASSIGNMENT

Attorney Docket No. : S895.12-0115

Seagate Docket No. : STL14351.00

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2010.

Andrew David Frenz

STATE OF _____)

)ss.

COUNTY OF _____)

On this _____ day of _____, 2010, 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 _____, 2010.

John L. Brand

STATE OF _____)

)ss.

COUNTY OF _____)

On this _____ day of _____, 2010, 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

ASSIGNMENT

Attorney Docket No. : S895.12-0115

Seagate Docket No. : STL14351.00

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2010.

Quinn Jay Haddock

STATE OF _____)

)ss.

COUNTY OF _____)

On this _____ day of _____, 2010, 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