	02-15-2005		
50		Attorney Docket No.: I69.12-0601 ks	
5	111/9410		
가	To the Commissioner	Services - Please record the attached copy thereof.	
VI.	 Name of conveying party(ies): (1) Roger L. Hipwell, Jr. 	2. Name and address of receiving party(ies):	
₿	(2) Kyle M. Bartholomew	Name: Seagate Technology LLC	
T	(3) Lance E. Stover(4) Wayne A. Bonin	Internal Address:	
	(5) Jeremy A. Thurn		
	(6) Zine-Eddine Boutaghou	Street Address: <u>920 Disc Drive</u>	
3	Additional name(s) of conveying party(ies) attached? [] Yes [X] No	City: Scotts Valley, State: California ZIP 95066	
	3. Nature of Conveyance:		
lect	[] Assignment [] Merger [] Security Agreement [] Change of Name [X] Other <u>Corrective Assignment error</u> <u>Relates to inside Assignment document previously recorded at Reel</u> 014779, Frame 0221 Execution Date: <u>October 23, 2003, October 23, 2003, October 24, 2003,</u> <u>October 24, 2003, October 24, 2003, and October 28, 2003</u>	Additional name(s) & address(es) attached? [] Yes [X] No PR 4B. Patent No.(s)	
S	4A. Application No.(s)	4B. Patent No.(s)	
	10/729,472 filed December 5, 2003		
	If this document is being filed together with a new application, the execution date(s) of the application is:	Additional numbers attached? [] Yes [] No 🛛	
	Additional numbers attached? [] Yes [X] No		
:	5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: [1]	
	Name: <u>David R. Fairbairn</u> Street Address: <u>Kinney & Lange, P.A.,</u> <u>312 South Third Street</u> City: <u>Minneapolis</u> State: <u>MN</u> ZIP <u>55415-1002</u>	7. Total fee (37 C.F.R. 3.41):\$ <u>40.00</u>	
	DO NOT USE TH	IIS SPACE	
9	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.		
	2/3/05	MI.C -	
Ī	David R. Fairbaim Total numb	Date Date ver of pages including cover sheet, attachments and document: [30]	
027	14/2005 DBYRNE 00000089 10729472		

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PATENT REEL: 016266 FRAME: 0249

ASSIGNMENT

Attorney Docket No.: 169.12-0601 Seagate Docket No. : STL 11436.00

WHEREAS, we Roger L. Hipwell, Jr., 7562 Kimberly Lane, Eden Prairie, MN 55346; Kyle M. Bartholomew, 2616 Florida Avenue South, St. Louis Park, MN 55426; Lance E. Stover, 16291 Hilltop Road, Eden Prairie, MN 55347; Wayne A. Bonin, 21 Black Oak Road, North Oaks, MN 55127; Jeremy A. Thurn, 4159 Rahn Road #5; Eagan, MN 55122; and Zine-Eddine Boutaghou, 4 Shadow Lane, North Oaks, MN 55127 are the inventor(s) of an invention entitled TRANSDUCER-LEVEL MICROACTUATOR FOR A DISC DRIVE SYSTEM AND IMPROVED Osseo, MN METHOD OF FABTRICATION THEREFOR that is the subject matter of: (Check all that apply)

ANC NW

55369

- a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. ____ filed on ___;
- X 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 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, 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.

PATENT REEL: 016266 FRAME: 0250

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IN TESTIMONY WHEREOF, I have hereunto set m	hy hand this $\frac{23^{rd}}{L}$ day of <u>October</u> , <u>2003</u> .
A · · · ·	Roger L. Hipwell, Jr.
STATE OF Minnesota)	
)ss. COUNTY OF fermepin)	
On this 23rd day of October	, <u>2003</u> , before me personally appeared
<u>Loger L. Hip well</u> to me known t	to be identified herein, and who executed the foregoing
instrument, and acknowledged to me that he/she execu-	ted the same for the uses and purposes herein set forth.
MARKUSON MARKUSON DANOTA COUNTY My Comm. Expires Jan. 31, 2005 [SEAL]	Marcela M. Markens- Notary Public
IN TESTIMONY WHEREOF, I have hereunto set m	y hand this 23 day of October, 2003.
STATE OF <u>Minnesota</u>))ss. COUNTY OF <u>Aennepin</u>)	And
On this 23rd day of Cetater	, <u>2003,</u> before me personally appeared

On this 2 2 day of <u>ctoper</u>, 2003, before me personally appeared Kyle Bartholomew 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.

MARCELLA M. MARKUSON NOTARY PUBLIC – MINNESOTA DAKOTA COUNTY My Comm. Expires Jan. 31, 2005 [SEAL]

marcella m. marken

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand	this 21 day of October, 2003.
	and Stone
STATE OF Minne sota)	e E. Stover
COUNTY OF fernepin)	
	2003, before me personally appeared entified herein, and who executed the foregoing
instrument, and acknowledged to me that he/she executed the s	same for the uses and purposes herein set forth.
	reelle h. markens
IN TESTIMONY WHEREOF, I have hereunto set my hand this	24th day of October, 2003.
bh	e A. Bonin
STATE OF Minnesota)	
COUNTY OF <u>Hennepin</u>))ss.	
	2003, before me personally appeared
wayne A. Benin to me known to be ide instrument, and acknowledged to me that he/she executed the s	entified herein, and who executed the foregoing ame for the uses and purposes herein set forth.
Comm. Expires Jan. 31, 2005	rcella M. marken

Notary Public

PATENT REEL: 016266 FRAME: 0252

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[SEAL]

	with all
IN TESTIMONY WHEREOF, I have hereunto set m	hy hand this 24 day of October, 2003.
,	And flow
AA	Jerenny A: Thurn
STATE OF Minnesota)	
COUNTY OF <u>Hennephin</u>)ss.	
On this $\frac{24^{44}}{4}$ day of October	, <u>2003</u> , before me personally appeared
Jeremy A. Thurn to me known t	to be identified herein, and who executed the foregoing
instrument, and acknowledged to me that he/she execut	ed the same for the uses and purposes herein set forth.
MADGELLA M. MARKUSON MOMENT FUELIC - MINNESOTA DAKOTA COUNTY My Comm. Expires Jan. 31, 2005	Marcela M. Marken Notary Public
IN TESTIMONY WHEREOF, I have hereunto set my	y hand this <u>24</u> day of <u>Ofber</u> , <u>2003</u> .
STATE OF Minnesofo)	/ -
COUNTY OF <u>Acnnepni</u>)ss.	
On this <u>24</u> th day of <u>Otober</u> <u>Zine-Eddine</u> Bouta shell to me known to	, <u>2003</u> , before me personally appeared be identified herein, and who executed the foregoing
instrument, and acknowledged to me that he/she execute	
	and the same for the uses and purposes herein set form.
MADO BLAM. MARNUSON	hearcala h. markan
[SEAL] DAKUTA COUNTY My Comm. Expires Jan. 31, 2005	Notary Public

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[SEAL]

ASSIGNMENT

Attorney Docket No.: 169.12-0601 Seagate Docket No.: STL 11436.00

WHEREAS, we Roger L. Hipwell, Jr., 7562 Kimberly Lane, Eden Prairie, MN 55346; Kyle M. Bartholomew, 2616 Florida Avenue South, St. Louis Park, MN 55426; Lance E. Stover, 16291 Hilltop Road, Eden Prairie, MN 55347; Wayne A. Bonin, 21 Black Oak Road, North Oaks, MN 55127; Jeremy A. Thurn, 4159 Rahm Road #5; Eagen, MN 55122; and Zine-Eddine Boutaghou, 4 Shadow Lane, North Oaks, MN 55127 are the inventor(s) of an invention entitled <u>TRANSDUCER-LEVEL MICROACTUATOR FOR A DISC DRIVE SYSTEM AND IMPROVED</u> METHOD OF FABTRICATION THEREFOR 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 ____;
- X 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 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, 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.

> PATENT REEL: 016266 FRAME: 0254

09 150 Ne NW isseo, MN 55 369

IN TESTIMONY WHEREOF, I have hereunto set m	by hand this $\frac{23^{rd}}{l}$ day of $\frac{2003}{l}$.
	Roger L. Hipwell, Jr.
STATE OF Minnesota)	
)ss. COUNTY OF Hennepin)	
On this 23rd day of October Roger L. Hip well to me known t	, <u>2003</u> , before me personally appeared to be identified herein, and who executed the foregoing
instrument, and acknowledged to me that he/she execut	ed the same for the uses and purposes herein set forth
[SEAL]	Marcella M. Markens- Notary Public
IN TESTIMONY WHEREOF, I have hereunto set my	y hand this 23 day of October, 2003.
STATE OF <u>Minnesota</u>))ss. COUNTY OF <u>fennepin</u>)	Mellomew We M. Bartholomew

On this 23^{rd} day of 25 ter, 2003, before me personally appeared Kyle Bartholomew 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]

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MARCELLA M. MARKUSON NOTARY PUBLIC - MINNESOTA DAKOTA COUNTY My Comm. Expires Jan. 31, 2005

marcellan. marken

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of October, 2003.

dance & Sterren
Lance E. Stover
STATE OF Minne soto)
COUNTY OF fernepin)
On this 28 th day of Chober, <u>2003</u> , before me personally appeared
Lance E. Sover 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] MARCELLA M. MARKUSON NOTARY FUELIC - MINNESOTA DAKOTA COUNTY My Comm. Expires Jan. 31, 2005 Notary Public
IN TESTIMONY WHEREOF, I have hereunto set my hand this <u>24</u> day of <u>October</u> , <u>2003</u> .
STATE OF Minnesota) Wayne A. Bonin
COUNTY OF <u>Hennepin</u>)
On this <u>24 th</u> day of <u>October</u> , <u>2003</u> , before me personally appeared
Wayne A. Bonin 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.

CELLA M. MARKUSON DAKOTA COUNTY [SEAL]

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horcella m. marken

anth all
IN TESTIMONY WHEREOF, I have hereunto set my hand this 24^{2h} day of October, 2003.
Λ
Jereny A. Zhurn
STATE OF Minuesota)
COUNTY OF <u>fernequin</u>)ss.
On this 24^{H} day of $\underline{Ocfobur}$, 2003, before me personally appeared
$\int eremy A. Thurn$ 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.
MARCELLA M. MARKUSON MOLATY FUELIC - MINNESOTA DAKOTA COUNTY My Comm. Expires Jan. 31, 2005
[SEAL] Notary Public
IN TESTIMONY WHEREOF, I have hereunto set my hand this _24 day of _October, 2003.
STATE OF MinneSafe)
))ss.
COUNTY OF fenne pan;)
On this <u>24</u> th day of <u>Otober</u> , <u>2003</u> , before me personally appeared <u>Zine-Eddine Bacta shel</u> 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.

MA U.A.M. MARKUSON T PUCLIC - MINNESOTA DAKOTA COUNTY My Comm. Expires Jan. 31, 2008 [SEAL]

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marcala m. markon

ASSIGNMENT

Attorney Docket No.: 169.12-0601

Seagate Docket No.: STL 11436.00

WHEREAS, we Roger L. Hipwell, Jr., 7562 Kimberly Lane, Eden Prairie, MN 55346; Kyle M. Bartholomew, 2616 Florida Avenue South, St. Louis Park, MN 55426; Lance E. Stover, 16291 Hilltop Road, Eden Prairie, MN 55347; Wayne A. Bonin, 21 Black Oak Road, North Oaks, MN 55127; Jeremy A. Thurn, 4158 Rahn Road #5, Eagan, MN 55122; and Zine-Eddine Boutaghou, 4 Shadow Lane, North Oaks, MN 55127 are the inventor(s) of an invention entitled <u>TRANSDUCER-LEVEL MICROACTUATOR FOR A DISC DRIVE SYSTEM AND IMPROVED</u> <u>METHOD OF FABTRICATION THEREFOR</u> 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 ___;
- <u>X</u> 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 ______; 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, 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.

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PATENT REEL: 016266 FRAME: 0258

IN TESTIMONY WHEREOF, I have hereunto set m	ny hand this 23rd day of October	<u>2003</u> .
	Kay & Hall F	
STATE OF Minnesota)	Roger L. Hipwell, Jr.	و المحمو
)ss. COUNTY OF fermesin)		é
On this <u>23rd</u> day of <u>October</u> <u>Roger L. Hip well</u> to me known to instrument, and acknowledged to me that he/she execut	to be identified herein, and who executed the	foregoing
[SEAL]	Marcella M. Markens Notary Public	
IN TESTIMONY WHEREOF, I have hereunto set my	y hand this 23 day of October,	2003
STATE OF Minnesotar	Hole M. Contaction Hyte M. Bartholomew	
COUNTY OF fennepin)		

On this <u>23rd</u> day of <u>defeter</u>, <u>2003</u>, before me personally appeared <u>Kyle Bartholomew</u> 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.

MARCELLA M. MARKUSON OTARY PUBLIC - MINNESOTA DAKOTA COUNTY My Comm. Expires Jan. 31, 2005

marcelle m. markam

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of October, 2003.

Starren & Atterner
Lance E. Stover
STATE OF Minne soto)
COUNTY OF fernepin)
On this 28th day of Chaber, 2003, before me personally appeared
Lance E. Sover 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] MARGELLA M. MARKUSON NOTARY PUZLIC - MINNESON DAKOTA COUNTY My Comm. Explores Jan. 31, 2005 Notary Public
IN TESTIMONY WHEREOF, I have hereunto set my hand this 24 th day of October, 2003.
Wayne A. Bonin
STATE OF Minnesota)
COUNTY OF <u>Hemepin</u>))
On this <u>24 th</u> day of <u>October</u> , <u>2003</u> , before me personally appeared
Wayne A. Bonin 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.

MITCELLA M. MARKUSON DAKOTA COUNTY Ny Comm. Expires Jan. 31, 2005

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[SEAL]

marcella m. marken

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24th day of October 2003 STATE OF Minuesota)ss. COUNTY O day of October On this 2003. before me personally appeared erem ____ 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. GELLA M. MARKUSON RY FUELIC - MINNESOTA marcella Mr. marken DAKOTA COUNTY My Comm. Expires Jan. [SEAL] Notary Public IN TESTIMONY WHEREOF, I have hereunto set my hand this day of ddine Boutaghor STATE OF Minnesof)ss. COUNTY OF Hennepen;

On this <u>24</u>th day of <u>Otober</u>, <u>2003</u>, before me personally appeared <u>Zine-Eddine Bouta shel</u> 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.

DAKOTA COUNTY My Comm

[SEAL]

ela m. markan