05-2	8-2003
Form PTO-1595 REC (Rev. 10/02)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Tao Zhang John Christopher Morris Dustin Mark Cancara	Name and address of receiving party(ies) Name: Seagate Technology LLC Internal Address:
Additional name(s) of conveying party(ies) attached? 🖾 Yes 🖵 No	
3. Nature of conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other	Street Address: 920 Disc Drive
Execution Date: May 16, 2003	City: Scotts Valley State: CA Zip: 95066 Additional name(s) & address(es) attached? ☐ Yes ☒ No
A. Patent Application No.(s)	lication, the execution date of the application is: 05/16/2003 B. Patent No.(s) ttached? ☐ Yes ☒ No
Name and address of party to whom correspondence concerning document should be mailed: Name: David K. Lucente Internal Address: Seagate Technology LLC Intellectual Property - COL2LGL	6. Total number of applications and patents involved: ☐☐ 7. Total fee (37 CFR 3.41)\$40.00 ☐☐ Enclosed ☐☐ Authorized to be charged to deposit account
Street Address: 389 Disc Drive 2003 6T0H11 00000114 191038 10439663 3021 40.00 CH	8. Deposit account number: 19-1038 (Attach duplicate copy of this page if paying by deposit account)
City: Longmont State: CO Zip: \$0503	(Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature. To the best of my knowledge and belief, the foregoing is a true copy of the original document. David K. Lucente Name of Person Signing	information is true and correct and any attached copy Signature Signature Date Date

ATTACHMENT FOR RECORDATION FORM COVER SHEET PATENTS ONLY (Form PTO-1595)		
Name of conveying party(ies):		
Raye Abdoulie Sosseh		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Additional name(s) of conveying party(ies) attached?	Yes 🖾 No	10/4396
Name and address of receiving party(ies) Name:		
Internal Address:Street Address:		
City: State:	ZIP:	
Name and address of receiving party(ies) Name:		
Internal Address:Street Address:		
City: State:		
Additional name(s) & address(es) attached?	Yes X No	
Application number(s) or patent number(s):		2
If this document is being filed together with a new app		the application is:05/16/03
A. Patent Application No.(s)	B. Patent No	o.(s)
Additional numbers attached?	Yes X No	

PATENT REEL: 014094 FRAME: 0896

ASSIGNMENT

Seagate Docket No.: STL11143

18445 Overland Trail, Eden Prairie, MN 55347, Dustin Mark Cvancara of 1904 Norfolk Avenue, St. Paul, MN 55116, and Raye Abdoulie Sosseh of 4201 West Memorial Road, Apt. 10104, Oklahoma City, OK 73134 are the inventor(s of an invention entitled Apparatus And Method For Maintaining Stability In A Disc Drive Servo Loop 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 Herewith 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 filed on

WHEREAS, I/we Tao Zhang of 1324 Eagle Creek Blvd. #322, Shakopee, MN 55379, John Christopher Morris of

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, 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.

Rev. January 10, 2001

- Mrs.	
Tao Zhang(Inventor)	

Subscribed and sworn to before me at	au, MN a Notary Public, this 15 day
RHONDA M. CARL MOTARY PUBLIC - MINNESOTA My Commission Expires 1-31-2008	Notary Public Out (, Management of the Christopher Morris(Inventor)
of /// 2003.	Phyda Carl Notary Public
RHONDA M. CARL NOTARY PUBLIC - MINNESOTA My Commission Expires 1-31-2006	Dustin Mark Cvancara(Inventor)
Subscribed and sworn to before me at <u>hab</u> of <u>May</u> , 2003.	Ple MV, a Notary Public, this/6 day Planda Carl Notary Public
RHONDA M. CARL NOTARY PUBLIC - MINNESOTA My Commission Expires 1-31-2008	Raye Abdoulie Sosseh(Inventor)
Subscribed and sworn to before me at of, 2003.	, a Notary Public, this day
(SEAL)	Notary Public

	Tao Zhang(Inventor)
Subscribed and sworn to before me at of, 2003.	, a Notary Public, this day
(SEAL)	Notary Public
	John Christopher Morris(Inventor), a Notary Public, thisday
of, 2003. (SEAL)	Notary Public
Subscribed and swom to before me at of, 2003.	Dustin Mark Cvancara(Inventor), a Notary Public, this day
(SEAL)	Notary Public
Subscribed and sworn to before me at Oklchoma	Rayé Abdoulie Sosseh (Inventor) City OK, a Notary Public, this 14 day
of <u>171003</u> , 2003.	Reki Keles Notary Public
(SEAL) COMM. # 01008423 EXPIRES 5/18/05 A AND FOR OKLAMAN OF O	

U.S. Assignment Seagate Technology LLC

RECORDED: 05/16/2003

Rev. January 10, 2001

PATENT