

102524921 PATENI
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: 2856 8-11-03

In Re the Application of:

HU et al.

Serial No.: 10/430,368

Filed: 05/05/2003

Atty. Docket No.: 3123-477

For: "MICRO ACTUATOR DC GAIN

CALIBRATION SCHEME FOR HDD

DUAL-STAGE ACTUATOR

SYSTEMS"

Mail Stop Assignment Recordation Services

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

RECORDATION OF ASSIGNM

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: MAIL STOP ASSIGNMENT SERVICES, COMMISSIONER FOR RECORDATION DAY OF AUGUST

2003.

Tonsina R. Krieger

Please record the attached original documents or copy thereof:

1. Name of conveying party(ies):

Xiaoping Hu

Lin Guo

Wei Guo

Jong-Ming Lin

2. Name and address of receiving party(ies):

> **Maxtor Corporation** 2452 Clover Basin Drive Longmont, CO 80503

> > 1

10430368 08/13/2003 GT0N11 00000210 502198 01 FC:8021 40.00 DA

PATENT

REEL: 014371 FRAME: 0534

3.	Natur	e of Conveyance.				
	[X] [] []	Assignment [] Merger Security Agreement [] Change of Name Other:				
	Execu	ution Dates: August 5, 2003				
4.	Application number(s) or patent number(s):					
	If this document is being filed together with a new application, the execution date of the application is:					
	A.	Patent Application No.(s): 10/430,368				
	B.	Patent No.(s): None				
5.	Name and address of party to whom correspondence concerning the documents should be mailed:					
		Tejpal S. Hansra Hansra Patent Services 4525 Glen Meadows Place Bellingham, WA 98226				
6.	Total	number of applications and patents involved: 1				
7.	Total	fee (37 C.F.R. 3.41)\$40.00				
	[]	Enclosed				
	[]	Any deficiency in payment of recording fee is authorized to be charged to Deposit Account.				
	[X]	Authorized to be charged to Deposit Account.				
8.	Depos	sit Account Number: 50-2198.				

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.

Total number of pages including cover sheet: 9

Respectfully submitted,

Tejpal S. Hansra

Registration No. 38,172 Hansra Patent Services 4525 Glen Meadows Place

Bellingham, WA 98226

(360) 527-1400

Date: <u>Avbust</u> 7, 2003

ASSIGNMENT

WHEREAS, we, Xiaoping Hu of 373 River Oaks Circle, #2505, San Jose, CA 95134, Lin Guo of 1174 Eagle Ridge Way, Milpitas, CA 95035, Wei Guo of 2944 Park Place Common, Fremont, CA 94536, and Jong-Ming Lin of 7950 Cranberry Circle, Cupertino, CA 95014, have invented a certain new and useful invention entitled "MICRO ACTUATOR DC GAIN CALIBRATION SCHEME FOR HDD DUAL-STAGE ACTUATOR SYSTEMS", for which an application for Letters Patent of the United States has been prepared and was filed on May 5, 2003, receiving Serial No. 10/430,368, and further identified as Attorney Docket No. 3123-477;

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Maxtor Corporation, a Delaware corporation having a place of business at 2452 Clover Basin Drive, Longmont, Colorado 80503, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Maxtor Corporation and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Maxtor Corporation, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: 8/5/2603By: Xiaoping Hu

Date: $\frac{8/5}{2005}$

Date: 08/01/03	By: here	
/	Wei Guo	
Date: 8/5/03	By: 100/11/	
•	Jong-Mang Lin	

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

<u> </u>	
State of California	
County of Santa Clara	SS.
On Augus + 5, 2003 before me,	Xamo(a) or organic (a)
	□ personally known to me □ proved to me on the basis of satisfactory evidence
MARY J. ENGLAND Commission # 1303910 Notary Public - California Santa Clara County My Cornm. Expires Jun 6, 2005	to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that be/she/tbey executed the same in bis/her/tbetr authorized capacity(joe), and that by bis/her/tbetr signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official seal.
OPTIO	15.
Though the information below is not required by law, it may prove was fraudulent removal and reattachment.	
Description of Attached Document	
Title or Type of Document: Pate A Ass	somet
^	Number of Pages: \tuc
Signer(s) Other Than Named Above: Lin Gue	,
Capacity(ies) Claimed by Signer	
Signer's Name: Xianjany Hu	
Individual	RIGHT THUMBPRINT OF SIGNER Top of thumb here
Signer Is Representing: Self	

© 1999 National Notary Association • 9350 De Soto Ave., P.O. Box 2402 • Chatsworth, CA 91313-2402 • www.nationalnotary.org

Prod. No. 5907

Reorder: Call Toll-Free 1-800-876-6827

PATENT REEL: 014371 FRAME: 0539

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California)
County of Santa Clara	SS.
County of 33,317 C 1378	_ J
· V = 2003	Mac T Fools
On Aug 5 Date before me, _	Name and Title of Officer (e.g., 'Jane Doe, Notary Public')
personally appeared <u>Lin Guo</u>	
	Name(s) of Signer(s)
	□ personally known to me □ proved to me on the basis of satisfactor evidence □ personally known to me □ personally
	to be the person(s) whose name(s) is/ar
	subscribed to the within instrument an
	acknowledged to me that he/she/they execute
	the same in his/her/their authorize capacity(ies), and that by his/her/the
	signature(s) on the instrument the person(s), o
MARY J. ENGLAND	the entity upon behalf of which the person(s
Commission # 1303910 -	acted, executed the instrument.
Notary Public - California Santa Clara County	MITNESS my hand and afficial and
My Comm. Expires Jun 6, 2005	WITNESS my hand and official seal.
- -	Signature of Netary Public
	(f
OP1	TIONAL
	ove valuable to persons relying on the document and could prever
	ment of this form to another document.
Description of Attached Document	
Title or Type of Document:	ssignment
	i .
Signer(s) Other Than Named Above: X, 202. ~.	Huy We, Gue and Jone Mine Lin
Document Date: Avg. 5, 5003 Signer(s) Other Than Named Above: Xisoping	they We, Gue and Jong Ming Lin
Signer(s) Other Than Named Above: 🗓 کړې کې دې د دې د کې دې د کې کې د کې د ک	the, We, Gow and Jong Ming Lin
Capacity(ies) Claimed by Signer Signer's Name:	RIGHT THUMBPRIN OF SIGNER
Capacity(ies) Claimed by Signer Signer's Name:	RIGHT THUMBPRIN OF SIGNER Top of thumb here
Capacity(ies) Claimed by Signer Signer's Name:	RIGHT THUMBPRIN OF SIGNER Top of thumb here
Capacity(ies) Claimed by Signer Signer's Name:	RIGHT THUMBPRIN OF SIGNER Top of thumb here
Capacity(ies) Claimed by Signer Signer's Name:	RIGHT THUMBPRIN OF SIGNER Top of thumb here
Capacity(ies) Claimed by Signer Signer's Name:	RIGHT THUMBPRIN OF SIGNER Top of thumb here
Capacity(ies) Claimed by Signer Signer's Name:	RIGHT THUMBPRIN OF SIGNER Top of thumb here
Capacity(ies) Claimed by Signer Signer's Name:	RIGHT THUMBPRIN OF SIGNER Top of thumb here
Capacity(ies) Claimed by Signer Signer's Name:	RIGHT THUMBPRIN OF SIGNER Top of thumb here

PATENT REEL: 014371 FRAME: 0540

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California)
County of South Clare	SS.
	- J
On Augus 15, 203 before me,	Name and Tole of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Well Guo	
	Name(s) of Signer(s)
	 personally known to me proved to me on the basis of satisfactor evidence
Though the information below is not required by law, it may prov	subscribed to the within instrument an acknowledged to me that he/she/they execute the same in his/her/their authorize capacity(ies), and that by his/her/the signature(s) on the instrument the person(s), of the entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official seal. Signature of Notary Public Signature of Notary Public
Description of Attached Document	•
Title or Type of Document: Pate As-	Signment
Document Date: Ay. 5, 2003	
Signer(s) Other Than Named Above: χ	Hu, Lin Guo and Jong-Mi
,	Ľ
Capacity(ies) Claimed by Signer	
Signer's Name: <u>We</u> , <u>5</u>	RIGHT THUMBPRIN OF SIGNER
Signer's Name: We', 640	Top of thumb here
X Individual	
X Individual ☐ Corporate Officer — Title(s):	
 ✓ Individual ☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Attorney-in-Fact 	
 ✓ Individual ☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Attorney-in-Fact ☐ Trustee 	
 ✓ Individual ☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Attorney-in-Fact ☐ Trustee ☐ Guardian or Conservator 	
Individual Corporate Officer — Title(s): Partner — ☐ Limited ☐ General Attorney-in-Fact Trustee Guardian or Conservator Other:	
 ✓ Individual ☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Attorney-in-Fact ☐ Trustee ☐ Guardian or Conservator 	

RECORDED: 08/11/2003

PATENT REEL: 014371 FRAME: 0541