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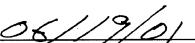
Attorney Dkt. 23214 Form **PTO-1595**

IN THE UNITE

07-02-2001

PATENT APPLICATION MARK OFFICE

SHEET





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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

Name and address of receiving party(ies) Name of conveying party(ies): Xiong Liu, Kian Keong Ooi, ChoonKiat Lim, Name: Seagate Technology LLC Yangquan Chen, Qiang Bi, MingZhong Ding, ShuangQuan Min and WeiSung Lee Internal Address: Additional name(s) of conveying party(ies) attached?

Yes No 3. Nature of conveyance: **☒** Assignment of U.S. Patent Application entitled REPEATABLE RUN-OUT ERROR COMPENSATION METHOD FOR A DISC DRIVE filed June 19, 2001. Street Address: 920 Disc Drive □ Merger □ Security Agreement □ Change of Name □ Other City: Scotts Valley State: CA ZIP: 95066 Execution Date: June 1, 2001, June 1, 2001, June 1, 2001 June 1, 2001, June 8, 2001, June 1, 2001, June 1, 2001 and June 6, 2001, respectively 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: 6/19/01. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? □ Yes 🗷 No Name and address of party to whom Total number of applications and patents 5. 6. correspondence concerning document should involved: be mailed: Randall K. McCarthy Name: 7. Total fee (37 CFR 3.41): \$ 40.00 Internal Address: Enclosed П Authorized to be charged to deposit account Street Address: Crowe & Dunlevy Deposit account number: 13-0110 1800 Mid-America Tower, 20 North Broadway City: Oklahoma City State: OK Zip: 73102-8273 (if additional fees required) DO NOT USE THIS SPACE 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. Daniel P. Doolev June 19, 2001 Name of Person Signing Signature Reg. No. 46,369 Date Total number of pages including cover sheet, attachments, and document: 07/02/2001 LMUELLER 00000022 09885008

> PATENT REEL: 011929 FRAME: 0638

Express Mail Receipt No. ET157497996US Deposited on June 19, 2001

ASSIGNMENT

Attorney Docket No.: Seagate Docket No.:

23214 STL9819

WHEREAS, I/we Xiong Liu of Block 216, Bukit Batok Street 21, #08-293, Singapore 650216; KianKeong Ooi of Block 249, Hougang Ave. 3, #08-404, Singapore 530249; ChoonKiat Lim of 51, Hindhede Walk #06-12, Singapore 587975; Yangquan Chen of Block 607, #05-56, Clementi West ST-1, Singapore 120607; Qiang Bi of Block 373, #03-192, Clementi Ave. 4, Singapore 120373; MingZhong Ding of Block 534, #04-18, Bukit Batok St. 51, Singapore 650534; ShuangQuan Min of Block 342, #07-178, Clementi Avenue 5, Singapore 120342; and WeiSung Lee of Block 3, Dover Road, #12-364, Singapore 130003 are the inventor(s) of an invention entitled REPEATABLE RUN-OUT ERROR COMPENSATION METHOD FOR A DISC DRIVE that is the subject matter of: (check all that apply)

An a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by

XX	Application No. 60/227,619 filed on August 23, 2000; and 60/235,610 filed on September 27, 2000; an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application
	No 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
	; and/or executed on even date herewith:
Del ("A	HEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of laware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California, 95066 USA, ssignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any all Letters Patent or similar foreign or domestic legal protection;
I/wa abo pric app Pat Uni	W, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, e transfer to Assignee, its successors and assigns, my/our entire right, title and interest in and to the invention, the ove-identified applications, all provisional applications from which any of the above-identified applications claim pority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the oblications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters ent, and all rights and benefits under any applicable treaty or convention; and I/we authorize the Director of the lited States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to Assignee.
nur des cou	We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application in the successors are assigned. If we further authorize the Assignee, its successors and assigns, or anyone it may properly ignate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign intries and appoint Assignee the common representative in the above identified international application and any emational application for the invention.
act req deli suc app any	We represent to the Assignee, its successors and assigns, that I/we have not and shall not execute any writing or do any whatsoever conflicting with this Assignment. I/We, my/our executors or administrators, will at any time upon uest, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and iver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its cessors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making olication for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in and all countries, including without limitation providing testimony in any related interference, litigation or acceeding.
•	Liusiong
	Xiong Liu (Inventor)
	As witnessed by me at Singapore, this day of, 2001. Teng Jack Miny Jank Witness

Rev. January 10, 2001

KianKeong Ooi (Inventor)

As witnessed by me at Singapore, this day of, 2001.			
	Teny Jack Miry (301-7) Witness		
	ChoonKiat Lim (Inventor)		
As witnessed by me at Singapore, this day of, 2001.			
	TANG KAYHEE BY(ANY) Witness		
	Yangquan Chen (Inventor)		
As witnessed by me at Singapore, this day of,	, 2001.		
	Witness		
	Qiang Bi (Inventor)		
As witnessed by me at Singapore, this day of	, 2001.		
	Witness		

	KianKeong Ooi (Inventor)
As witnessed by me at Singapore, this day of	, 2001.
	Witness
And it was a firm of the same	ChoonKiat Lim (Inventor)
As witnessed by me at Singapore, this day of	, 2001.
	Witness
	Yangquan Chen (Inventor)
As witnessed by me at Singapore, this \mathscr{U} day of \mathscr{F}	
	Witness Tune 01, 2001
	Qiang Bi (Inventor)
As witnessed by me at Singapore, this day of	, 2001.
	Witness

		KianKeong Ooi (Inventor)
As witnessed by me at Singapore, this	day of	, 2001.
		Witness
		ChoonKiat Lim (Inventor)
As witnessed by me at Singapore, this	day of	, 2001.
		Witness
		Yangquan Chen (Inventor)
As witnessed by me at Singapore, this	day of	, 2001.
		Witness
		Plang Bi (Inventor)
As witnessed by me at Singapore, this <u>8th</u>	day of <u>June</u>	, 2001.
	1	Withess JIMMY PANY

Rev. January 10, 2001

MingZhong Ding (Inventor)

As witnessed by me at Singapore, this 1 day of, 2001.		
	Witness Jack Ming This Py	
	ShuangQuan Min (Inventor)	
As witnessed by me at Singapore, this day of	, 2001.	
	Weising Lee (Inventor)	
As witnessed by me at Singapore, this bth day of <u>fund</u>	, 2001.	
	Tong Jack Ming Jack	

	MingZhong Ding (Inventor)		
As witnessed by me at Singapore, this day of	, 2001.		
	Witness		
	ShuangQuan Min (Inventor)		
As witnessed by me at Singapore, this <u>1st</u> day of <u>June</u> , 2001.			
	Witness ZHANG JIANJUN		
	WeiSung Lee (Inventor)		
As witnessed by me at Singapore, this day of	, 2001.		
	Witness		

RECORDED: 06/19/2001