07-15-2003 U.S. DEPARTMENT OF COMMERCE Form PTO-1595 RE U.S. Patent and Trademark Office (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) 102496982 1 Tab settings ⇒ ⇒ ⇒ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 6:2603 2. Name and address of receiving party(ies) TeckKhoon Lim Name: Seagate Technology LLC QuekLeong Choo Internal Address: \_\_\_ WeiMing Yeow Additional name(s) of conveying party(ies) attached? (X) Yes (1) No 3. Nature of conveyance: ☐ Merger Assignment Street Address: 920 Disc Drive Security Agreement ☐ Change of Name Other\_ City: Scotts Valley State: CA Zip: 95066 Execution Date: June 24, 2003 Additional name(s) & address(es) attached? Yes No 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: 6-26-03 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$40.00 Name: Seagate Technology LLC □ Enclosed Internal Address: SHK2LG 0/7/15/2D03 ECOOPER 00000062 191038 Authorized to be charged to deposit account 10607420 d1 FC:8**b**21 40.00 DA 8. Deposit account number: Street Address: 1280 Disc Drive, 19-1038 (Attach duplicate copy of this page if paying by deposit account) Shakopee State: MN Zip: 55379 City: 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. 6-24-2003 Date Kirk A. Cesari Name of Person Signing

i. ivallit	e of conveying party(ies):	
	SanYuan Liew	
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	Additional name(s) of conveying party(ies) attached?	Yes X No
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	and address of receiving party(ies)	
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. Applic	eation number(s) or patent number(s):	
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PATENT REEL: 014253 FRAME: 0818

## **ASSIGNMENT**

		Seagate Docket No. :	S1L11194			
of Blk 192, Bishan Street 13, #C Singapore 730717 and SanYua invention entitled Multi Tracks N	im of Blk 218, Bedok North Street 1, #03 05-495,Singapore 570192, WelMing Yeo In Liew of Blk 6, Holland Close, #17-32, \$ MR Offset Tuning Based On Error Count	w, of Blk 717, Woodlands Driv Singapore 271006 are the inve	ve 70, #08-114, entor(s) of an			
matter of: (check all that apply)						
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an application for Letters Pa	an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by					
Application No	filed on	and/or executed on	even date			
herewith: and						
an international application	for Letters Patent filed pursuant to the Pa	atent Cooperation Treaty which	ch is			
	ates Receiving Office by Application No.		ed on			

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.

\_\_\_; and/or executed on even date herewith:

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.

Foreign Assignment Seagate Technology LLC

Rev. January 10, 2001

PATENT REEL: 014253 FRAME: 0819

		TeckKhoon Lim (Inventor)	-
Subscribed and sworn to before me at	Scine	e Corre	, a witness, this
24 day of 344E , 2003.		Witness TEO SONG WEE	<del></del>
		QuekLeang Choo (Inventor)	<i>7</i> –
Subscribed and sworn to before me at	Science	Park Singapone	, a witness, this
		Witness 24/06/	<sup>1</sup> v3 -
		WeiMing Yeow (Inventor)	_
Subscribed and sworn to before me at _ this <u>14</u> day of <u>JUNE</u> , 20 <u>03</u> .	Science Re	Alal	, a witness,
		Witness LEOW POON WAY	<del>-</del>
		San Yuan Liew (Inventor)	
Subscribed and sworn to before me at this ** day of ** June**, 20 6 **.	science	Park Sincapere	, a witness,
		Witness OH CHEE TONG	

Foreign Assignment Seagate Technology LLC

**RECORDED: 06/26/2003** 

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Rev. January 10, 2001

PATENT **REEL: 014253 FRAME: 0820**