FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) M&G- SEA9620.01/30874.112USU1



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101935407

				
To the Commissioner of Patents and Trademarks: Please record the attached original documents or 1. Name of conveying party(ies):			2. Name and address of receiving party(ies):	
Mark James Schaenzer Scott Michael Franzen			Seagate Technology LLC 920 Disc Drive Scotts Valley, California 95067	
Ollo3/22 Additional name(s) of conveying party(ies) attached? Yes No			Additional name(s) & address(es) attached?	Yes ™ No
3. Nature of con Assignment	nveyance:		Theorem Amery) & decirosicis minores.	100 20 110
Execution Date:	October 22, 2001; October 2	6, 2001		
4. Application	number(s) or patent number(s)):		C. wy
If this docum	nent is being filed together wit	th a new application, the	e execution date of the application is:	(
A. Patent Application No.(s)		B. Patent No.(s)		
09/885,383				
		Additional numbers attach		
Name and addocument should	ddress of party to whom correst d be mailed:	spondence concerning	6. Total number of applications ar	id patents involved: 1
Address: Me	ntalie D. Kadievitch erchant & Gould P.C. O. Box 2903 inneapolis, MN 55402-0903	23552 PATENT TRADEMARK OFFICE	7. Total fee (37 CFR 3.41): Enclosed Authorized to be charged. 8. Please charge any additional feroverpayments to our Deposit according to the control of	es or credit any
		DO NOT USE TI	HIS SPACE	
9. Statement an	nd signature:			
To the best of original docu	ument.	ne foregoing information	n is true and correct and any attached	I copy is a true copy of the November $\frac{13}{2}$, 2001
Name of Person	Signing	Si	gnature Total number of pages including co	Date over sheet, attachments, and document: 4
		Do not detach th	is portion	
Mail documents	s to be recorded with required cover sl			
Public burden re document and g	anorting for this sample cover sheet is	Box Assign Director - U.S. Patent an Washington, D s estimated to average about 3 sting and reviewing the sampli systems, PK2-1000C, Washin	d Trademark Office	ding time for reviewing the burden estimate to the U.S. sement and Budget, Paperwork
4/2002 LMUELLER (00000071 09885383			
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ASSIGNMENT

WHEREAS, we, Mark James Schaenzer, residing at 1466 Richards Court, Eagan, Minnesota 55122 and Scott Michael Franzen, residing at 7710 116th Avenue North, Champlin, Minnesota 55316, are the inventors of an invention entitled WIDE WRITE HEAD WITH THERMAL ASPERITY DETECTOR AND METHOD OF USING THE SAME that is the subject matter of an application for Letters Patent, the application being identifiable in the United States Patent and Trademark Office by Serial No. 09/885,383, filed June 20, 2001; and

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under and by virtue of the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California 95067 (hereinafter "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 serial numbers of the application 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.

PATENT REEL: 012414 FRAME: 0634 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 and 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand this And day of October, 2001.

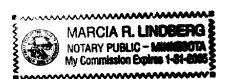
STATE OF Manness to

COUNTY OF Scales)

On this <u>James</u> day of <u>October</u>, 2001, before me personally appeared Mark James Schaenzer to me known to be the person described in, and who executed the foregoing instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Macria L. Lindberg Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this day of				
OCTOBER, 2001.				
Su Zu				
Scott Michael Franzen				
STATE OF MINNESOTIA)				
)ss: COUNTY OF HEINIVE PIN)				
On this 36 th day of October, 2001, before me personally appeared Scott Michael				
Franzen to me known to be the person described in, and who executed the foregoing instrument,				
and acknowledged to me that he/she executed the same for the uses and purposes therein set				
forth. SUSAN K. SANETRA NOTARY PUBLIC - MINNESOTA My Comm. Expires Jan. 31, 2005				
[SEAL] Notary Public				

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RECORDED: 01/03/2002