Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/20	Y U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)	
William Leon Rugg Todd Warren Kube	Name: Seagate Technology LLC	
Todd Warten Rube	Internal Address:	
	363	
Additional name(s) of conveying party(ies) attached? 및 Yes 집 No		
3. Nature of conveyance:		
☑ Assignment ☐ Merger	000 Pt - Pt	
및 Security Agreement 및 Change of Name	Street Address: 920 Disc Drive	
닌i Other		
	City: Scotts Valley State: CA Zip: 95066	
Execution Date: June 23, 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 appli	ication, the execution date of the application is: 06/24/2003	
A. Patent Application No.(s) ///6/279/	B. Patent No.(s)	
10002 191		
Additional numbers attached? ☐ Yes ☒ No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name:Derek J. Berger	7. Total fee (37 CFR 3.41)\$\(\frac{40.00}{}{}\)	
Internal Address: Seagate Technology LLC	다 Enclosed	
	্ৰা Authorized to be charged to deposit account	
Intellectual Property - COL2LGL	<u> </u>	
	O Bassail association	
280 Diag Duiva	8. Deposit account number:	
Street Address: 389 Disc Drive	10 1020	
	19-1038	
City: Longmont State: CO Zip: 80503	(Attach duplicate copy of this page if paying by deposit account)	
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.	6/29/03	
Derek J. Berger		
Name of Person Signing Total number of pages including cove	Signature Date r sheet, attachments, and documents: 4	
Total number of pages including cove	r sneet, attachments, and documents: 4 required cover sheet information to:	

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

01 FC:8021 40.00 DA

PATENT

REEL: 014234 FRAME: 0773

ASSIGNMENT

Seagate Docket No.:

STL10987

WHEREAS, I/we William Leon Rugg of 2112 Rockspray Ct., Longmont, CO 80503 and Todd Warren Kube of 4160 Amber Pl., Boulder, CO 80304 are the inventor(s) of an invention entitled <u>Disc Drive Apparatus Having Drive Electronics Top Mounted On Flexible Printed Circuit Board</u> that is the subject matter of: (check all that apply)

\bowtie	a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Off	fice
	by Application No. <u>60/404,682</u> filed on <u>August 20, 2002;</u>	
\boxtimes	an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by	
	Application No filed on Filed Herewith and/or executed on even date herewith: and	
	an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is	
	dentifiable in the United States Receiving Office by Application Nofiled on	
	; and/or executed on even date herewith:	

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.

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U.S. Assignment Seagate Technology LLC

Rev. January 10, 2001

Subscribed and sworn to before me at Angrount (SEAL)

Subscribed and sworn to before me at Angrount (SEAL)

Notary Public Zelna Smith, Notary Public State of Colorado

Todd Warren Kube(Inventor)

Subscribed and sworn to before me at Angrount (Manage), a Notary Public, this 23/2 day of June, 2003.

(SEAL)

Zeina Smith, Notary Public State of Colorado My Commission Expires 12/2/2005

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Rev. January 10, 2001

PATENT REEL: 014234 FRAME: 0775

RECORDED: 06/24/2003