PATENT REC



Attorney Docket No. 801.12-0687/STL 9712

COVE	
To the Honorable Direct 101771188 es rate attached original document or copy thereof.	and Trademark Office: Please record the
 Name of conveying party(ies): (1) Bernardo Rub (2) (3) 	2. Name and address of receiving party(ies): Name: Seagate Technology LLC
Additional name(s) of conveying party(ies) attached? [] Yes [X] No $ \mathcal{C}/\mathcal{A} (0) $	Internal Address: Street Address: 920 Disc Drive City Scotts Valley State CA ZIP 95066
	Additional name(s) & address(es) attached? [] Yes [X] No
3. Nature of Conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date:June 26, 2001	09891688
4A. Application No.(s)	4B. Patent No.(s)
If this document is being filed together with a new application, the execution date(s) of the application is:June 26, 2001	Additional numbers attached? [] Yes [] No
Additional numbers attached? [] Yes [X] No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: David D. Brush Street Address: Westman, Champlin & Kelly, P.A Suite 1600 International Centre 900 Second Avenue South City: Minneapolis State: MN ZIP 55402	6. Total number of applications and patents involved: [1]
orey. Hamosporre	7. Total fee (37 CFR 3.41):\$ 40.00
10/2001 GTON11 00000036 09891688 FC:581 40.00 DP	8. Method of Payment [X] Enclosed [X] The Director is authorized to charge payment of any additional recording fees or credit any overpayment to deposit account No. 23-1123.
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9. Statement and signature. To the best of my knowledge and belief, the foregoi attached copy is a true copy of the original docume	ng information is true and correct and any nt.
David D. Brush Name of Person Signing 6/26	lo 1
Signature Date	Total number of pages submitted: [2]

ASSIGNMENT

Attorney Docket No.: S01.12-0687

STL 9712 Seagate Docket No.:

WHEREAS, I Bernardo Rub of Edina, Minnesota, am the inventor(s) of an invention entitled METHOD AND APPARATUS FOR ENCODING WITH UNEQUAL PROTECTION IN MAGNETIC RECORDING CHANNELS HAVING CONCATENATED ERROR CORRECTION CODES that is the subject matter of: (check all that apply)

			in the United States Patent and Trademark Office	
	by Application No. 60/214,69	9 filed on <u>June 27, 2000;</u>		
\boxtimes	an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by			
	Application No.	filed on	, S01.12-0687/STL 9712, and/or	
	executed on even date herev	vith; and		
\boxtimes	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 file		n No filed on		
	; ar	d		

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 aboveidentified 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.

Bernardo Rub (Inventor)

Subscribed and sworn to before me at howefil County, Minnesota, a Notary Public, this 26 day of JUNE 12001 2001.

RECORDED: 06/26/2001

My Commission Expires Jan. 31, 2005

Notary Public

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PATENT REEL: 011948 FRAME: 0033