08-14-2002



Patent and Trademark Office Docket No. 146712003600

U.S. DEPARTMENT OF COMMERCE

SHEET

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To the Commissioner of Patents and Trademarks: Please	e record the attached original documents or copy thereof.
1. Name of conveying party(ies): a) Zhong Stella WU b) Qixu David CHEN c) Samuel Dacke HARKNESS ☑ Individual(s) ☐ Association ☐ General Partnership ☐ Limited Partnership ☐ Corporation-State ☐ Other Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No 3. Nature of conveyance:	2. Name and address of receiving party(ies): Name: Seagate Technology LLC Internal Address: Street Address: 920 Disc Drive City: Scotts Valley State: California ZIP: 95066 Additional name(s) & address(es) attached? □ Yes ☒ No
4. Application number(s) or patent number(s):	16-1
If this document is being filed together with a new application, the ex A. Patent Application No.(s) Additional numbers attached? Yes No	secution date of the application is: August 2, 2002 B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed: Raj S. Davé Morrison & Foerster LLP 2000 Pennsylvania Avenue, N.W. Washington, D.C. 20006-1888	6. Total number of applications and patents involved: 1 7. Total fee (37 C.F.R. § 3.41): \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account, referencing Attorney Docket 146712003600 8. Deposit account number: 03-1952
The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be r	<u> </u>
DO NOT USE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is document. Name: Raj S. Davé Registration No: 42,465	August 5, 2002 Date
Total number of pages comprising cover	r sheet, attachments and document: 3
Mail documents to be recorded with r U.S. Patent and Tr Office of Publ Box Assig Crystal Gateway Washington,	rademark Office lic Records anments y 4, Room 335

PATENT REEL: 013174 FRAME: 0970

ASSIGNMENT

Attorney Docket No.: 146712003600 Seagate Docket No.: STL3157.01

WHEREAS, I/we JI/we Zhong Stella WU of 45130 Pawnee Drive, Fremont, CA 94539; Qixu David CHEN of 1630 Tahoe Drive, Milpitas, CA 95035 and Samuel Dacke HARKNESS of 2575 Diamond St., San Francisco, CA 94131 are the inventor(s) of an invention entitled **RECORDING MEDIUM** WITH A VARYING COMPOSITION UNDERLAYER that is the subject matter of: (check all that apply)

	a provisional application for Letters Patent	which is identifiable in the	United States Patent and
	Trademark Office by Application No.	filed on	
X	an application for Letters Patent which is id	entifiable in the United St	ates Patent and Trademark
	Office by Application No	filed on	
	an international application for Letters Pate	nt filed pursuant to the Pa	atent Cooperation Treaty
	which is identifiable in the United States Receiving Office by Application No.		
	filed on	; and	

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

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PATENT REEL: 013174 FRAME: 0971

protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding. Zhong Stella WU (Inventor) Subscribed and sworn to before me at Junual California, a Notary Public, this 2 day of Chagus 1, 2002. Notary Public HEATHER R. BAKER Commission # 1293229 (SEAL) Notary Public - California Alameda County
My Comm. Expires Feb 5, 2005 Ohou chun Subscribed and sworn to before me at funct, Calyonic, a Notary Public, this 2 day of Quant, 2002. otary Public HEATHER R. BAKER Commission # 1293229 Notary Public - California Alameda County & DHulmen Juil EBry (SEAL) HEATHER R. BAKER Commission # 1293229

Notary Public - California Alameda County dy Comm. Expires Feb 5, 2005

RECORDED: 08/05/2002

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PATENT REEL: 013174 FRAME: 0972