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4. Application or patent number(s): A.Patent Application No.(s): Additional numbers attached? Yes X No 5. Name and address to whom correspondence concerning document should be mailed: Name: Brett Bornsen Duft Bornsen & Fishman, LLP Internal Address: Street Address: 1526 Spruce Street Suite 302 City: Boulder State: CO Zip: 80302 Phone Number: 303-786-7691 Email Address: Deposit Account Number 50-2587 Authorized User Name Brett Bornsen 9. Signature: Signature Signature Signature Signature Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Additional numbers attached? Yes X No 6. Total number of applications and patents involved: 1	Other	Country: Netherlands Zip:
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X Authorized to be charged to deposit account	Duft Bornsen & Fishman, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40
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Page 1

Docket: HSJ920050331US1

ASSIGNMENT

Whereas, I/We

(1) Tsann Lin of Saratoga, CA

have invented certain improvements in

A READ SENSOR STABILIZED BY BIDIRECTIONAL ANISOTROPY

and executed, respectively, a United States patent application therefore on

(1) 3/10/200b, 2006

Whereas, HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V., having a place of business at Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands (hereinafter called HITACHI), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to HITACHI, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to HITACHI, its successors and assigns; and we hereby agree that HITACHI may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by HITACHI.

 $\frac{\text{(1) at San Jose}}{\frac{3}{10}/2006}$ Tsann Lin

SIGNATURE

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PATENT REEL: 017694 FRAME: 0147