04-14-2000

## PATENT RECORDA' COVER SHI



Attorney Docket No. **169.12-0448** 

101319280

To the Commissioner for Patents: Please record the attached original do	ocument or copy thereof.	
1. Name of conveying parties: (1) Hong Wang (2) Robbee L. Grimm (3) Matthew T. Johnson (4) John P. Spangler (5) Craig A. Ballentine (6) Qing He (7) Steven C. Riemer (8) Brian J Daniels Additional name(s) of conveying party(ies) attached? [] Yes [X] No	2. Name and address of receiving party(ies):  Name: Seagate Technology, Inc.  Internal Address:  Street Address: 920 Disc Drive, Building 15	
3. Nature of Conveyance:	City: Scotts Valley, State: CA ZIP 95066	
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other		
Execution Date: (1) Hong Wang 3/24/00; (2) Robbee L. Grimm 3/24/00; (3) Matthew T. Johnson 3/27/00; (4) John P. Spangler 3/28/00; (5) Craig A. Ballentine 3/2400; (6) Qing He 3/24/00; (7) Steven C. Riemer 3/24/00; and Brian J. Daniels 2/17/00.	Additional name(s) & address(es) attached? [ ] Yes [X] No	
4A. Application No.(s) 09541218	4B. Patent No.(s)	
If this document is being filed together with a new application, the execution date(s) of the application is: (1) Hong Wang 3/24/00; (2) Robbee L. Grimm 3/24/00; (3) Matthew T. Johnson 3/27/00; (4) John P. Spangler 3/28/00; (5) Craig A. Ballentine 3/2400; (6) Qing He 3/24/00; (7) Steven C. Riemer 3/24/00; and Brian J. Daniels 2/17/00.  Additional numbers attached? [ ] Yes [X] No	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: [1]	
Name: <u>David R. Fairbairn</u> Street Address: <u>Kinney &amp; Lange, P.A</u> 312 South Third Street City: <u>Minneapolis</u> State: <u>MN</u> ZIP 55415-1002	7. Total fee (37 C.F.R. 3.41):\$ 40.00	
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9. Statement and signature.		
To the best of my knowledge and belief, the foregoing information is tru document.	e and correct and any attached copy is a true copy of the original	
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David R. Fairbairn 4/11/2000 BALEXAND 00000019 09541218 Total numb	Date Der of pages including cover sheet, attachments and document: [5]	
2 FC:581 (40.00 OP		

PATENT REEL: 010682 FRAME: 0060

## ASSIGNMENT

I69.12-0448

First Named Inventor : Hong Wang

: EDGE BARRIER TO PREVENT SPIN VALVE SENSOR CORROSION AND IMPROVE Title

LONG TERM RELIABILITY

WHEREAS, I, Hong Wang, of Savage, Minnesota, U.S.A.; Robbee L. Grimm of Lakeville, Minnesota, U.S.A.; Matthew T. Johnson of Roseville, Minnesota, U.S.A.; John P. Spangler of Burnsville, Minnesota, U.S.A.; Craig A. Ballentine of Bloomington, Minnesota, U.S.A.; Qing He of Bloomington, Minnesota, U.S.A.; Steven C. Riemer of Minneapolis, Minnesota, U.S.A. and Brian J. Daniels of Eagan, Minnesota, U.S.A., have invented certain new and useful improvements as described in an application entitled EDGE BARRIER TO PREVENT SPIN VALVE SENSOR CORROSION AND IMPROVE LONG TERM RELIABILITY for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Application No. , filed ; and

WHEREAS, Seagate Technology, Inc., a corporation organized and existing under the laws of the State of Delaware, and having offices at 920 Disc Drive, Building 15, Scotts Valley, California 95066, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

I 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.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute 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.

Hong Wang

STATE OF MINNESOTA

COUNTY OF HENNEPIN

Subscribed and sworn to before me, a Notary Public, this 24 day of March, 2000.

SANETRA

- MINNESOTA

Notary Public, this 24 day of March, 2000.

SUSAN K. SANETRA 🤰 NOTARY PUBLIC - MINNESOTA AMy Comm. Expires Jan. 31, 2005

Patent Application of Hong Wang et al. Assignment to Seagate Technology, Inc. EDGE BARRIER TO PREVENT SPIN VALVE SENSOR CORROSION AND IMPROVE LONG TERM RELIABILITY SEA-9346.01

	Rother 2 Hours
	Robbee L. Grimm
STATE OF MINNESOTA	)
COUNTY OF HENNEPIN	) ss. )
Subscribed and	d sworn to before me, a Notary Public, this 34 day of March 2000.
K. SANETRA BUBLIC - MINNESOTA BU	Dockart Sarietra Notary Public
My Comm. Expires Jan. 31, 2005	
	-Nhth]
	Matthew T Johnson
STATE OF MINNESOTA	)
COUNTY OF HENNEPIN	) ss. )
SUSAN K. SANETRA NOTARY PUBLIC - MINNESOTA My Comm. Expires Jan. 31, 2005 (SEAL)	sworn to before me, a Notary Public, this 27 day of Manh, 2000.  Notary Public  Notary Public
	John P. Spangler
STATE OF MINNESOTA	
COUNTY OF HENNEPIN	) ss. )
Subscribed and	sworn to before me, a Notary Public, this <u>is</u> day of <u>)arch</u> , <u>2000.</u>
SUSAN K. SANETRA NOTARY PUBLIC - MINNESOTA My Comm. Expires Jan. 31, 2005	Dewai Santtra Notary Public

Patent Application of Hong Wang et al. Assignment to Seagate Technology, Inc. EDGE BARRIER TO PREVENT SPIN VALVE SENSOR CORROSION AND IMPROVE LONG TERM RELIABILITY SEA-9346.01

	Craig A. Ballentine
STATE OF MINNESOTA COUNTY OF HENNEPIN	) ) ss. )
SUSAN K. SANETRA  SUSAN K. SANETRA  NOTARY PUBLIC - MINNESOTA  My Comm. Expires Jan. 31, 2005  (SEAL)	orn to before me, a Notary Public, this 34 day of March 2000  Notary Public
	Q- He Qing He
STATE OF MINNESOTA  COUNTY OF HENNEPIN	) ) ss. )
SUBSCRIBE and sw SUSAN K. SANETRA NOTARY PUBLIC – MINNESOTA My Comm. Expires Jan. 31, 2005	orn to before me, a Notary Public, this 4 day of March, 2000.  Santa Santa  Notary Public
-	Steven C. Riemer
STATE OF MINNESOTA	) ) ss.
COUNTY OF HENNEPIN	)
Subscribed and sweets Susan K. Sanetra & Susan K. S	om to before me, a Notary Public, this 4 day of ) Jarola. 2000.  Notary Public

Page 3 of 4 Pages

Patent Application of Hong Wang et al. Assignment to Seagate Technology, Inc. EDGE BARRIER TO PREVENT SPIN VALVE SENSOR CORROSION AND IMPROVE LONG TERM RELIABILITY

SEA-9346.01

Brian J. Daniels

STATE OF MINNESOTA

COUNTY OF HENNEPIN

Subscribed and sworn to before me, a Notary Public, this 17th day of IEB

Much Q, Ram Yaun

) ss.

(SEAL)



**RECORDED: 04/03/2000**