

08-01-2001

**PATENT REC  
COV**

101794509

Attorney Docket No.: I69.12-0486 -- CJS

To the Commissioner for Patents: Please record the attached original document or copy thereof.

## 1. Name of conveying parties:

- (1) Qing He  
 (2) Song S. Xue  
 (3) Xuefei Tang  
 (4) Bryan K. Oliver  
 (5) Patrick J. Ryan

7-18-01

## 2. Name and address of receiving party:

Name: Seagate Technology LLC

Internal Address: \_\_\_\_\_

Street Address: 920 Disc DriveCity: Scotts Valley, State: CA ZIP 95066

Additional name(s) &amp; address(es) attached? [ ] Yes [X] No

Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

## 3. Nature of Conveyance:

- [X] Assignment [ ] Merger [ ] Security Agreement  
 [ ] Change of Name [ ] Other \_\_\_\_\_

Execution Date: June 14, 2001, July 3, 2001, July 14, 2001

## 4A. Application No.(s)

If this document is being filed together with a new application, the  
 execution date(s) of the application is: June 14, 2001, July 3, 2001,  
July 14, 2001

Additional numbers attached? [ ] Yes [X] No

## 4B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

5. Name and address of party to whom correspondence concerning  
document should be mailed:

Name: Alan M. Koenck  
 Street Address: Kinney & Lange, P.A.,  
312 South Third Street  
 City: Minneapolis State: MN ZIP 55415-1002

6. Total number of applications and patents  
involved: [1]7. Total fee (37 C.F.R. 3.41):.....\$ 40.00**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.

Alan M. Koenck

July 18, 2001

Date

Total number of pages including cover sheet, attachments and document: [4]

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**PATENT**  
**REEL: 12016 FRAME: 0960**

## ASSIGNMENT

Attorney Docket No. : I69.12-0486

Seagate Docket No. : STL 9827

WHEREAS, we Qing He, 10650 Brunswick Road, # 102, Bloomington, MN 55438, USA, Song S. Xue, 10382 Mooer Lane, Eden Prairie, MN 55347, USA, Xuefei Tang, 12648 Stoney Way, Eden Prairie, MN 55347, Bryan K. Oliver, 3901 Ontario, Ames, IA 50014-3818, USA and Patrick J. Ryan, 1249 Scheffer Avenue, St. Paul, MN 55116, USA are the inventor(s) of an invention entitled GIANT MAGNETORESISTIVE SENSOR WITH A MULTILAYER CAP LAYER 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 ☐;
- ☒ an application for Letters Patent which has been executed on even date herewith and/or is identifiable in the United States Patent and Trademark Office by Application No. ☐ filed on ☐; and
- ☐ 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. ☐ 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, we transfer to Assignee, its successors and assigns, 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 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.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. 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.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, 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.

Qing He

Qing He

Subscribed and sworn to before me in the County of Hennepin, State of Minnesota, a Notary Public, this 14<sup>th</sup> day of June, 2001.



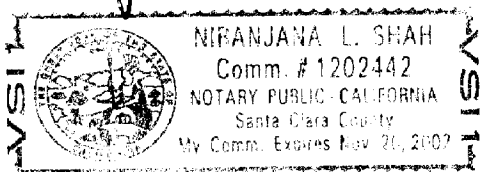
(SEAL)

Mary M. Patnode  
Notary Public

Song S. Xue

Song S. Xue

Subscribed and sworn to before me in the County of ~~Hennepin~~ Santa Clara California, State of ~~Minnesota~~, a Notary Public, this 3<sup>rd</sup> day of July, 2001.



(SEAL)

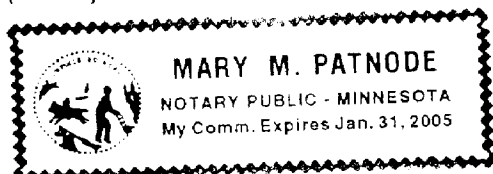
Niranjana L. Shah  
Notary Public

Xuefei Tang

Xuefei Tang

Subscribed and sworn to before me in the County of Hennepin, State of Minnesota, a Notary Public, this 14<sup>th</sup> day of June, 2001.

(SEAL)

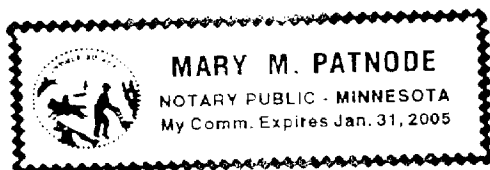


Mary M. Patnode  
Notary Public

Bryan K. Oliver

Subscribed and sworn to before me in the County of Hennepin, State of Minnesota, a Notary Public, this 14<sup>th</sup> day of June, 2001.

(SEAL)



Mary M. Patnode  
Notary Public

Patrick J. Ryan  
Patrick J. Ryan

Subscribed and sworn to before me in the County of Hennepin, State of Minnesota, a Notary Public, this 14<sup>th</sup>  
day of June, 2001.

Mary M. Patnode  
Notary Public

(SEAL)

