

IN THE UNIT

12-10-1999

PATENT APPLICATION  
DEMARK OFFICE

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11/20/99

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Erming Luo**

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ **Assignment of U.S. Patent Application**  
**entitled TEETH LOCK RING FOR A DISC STACK**  
**filed September 14, 1999.**

- ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: **November 23, 1999**

2. Name and address of receiving party(ies)

Name: **Seagate Technology, Inc.**

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

Street Address: **920 Disc Drive**

City: **Scotts Valley** State: **CA** ZIP: **95067**

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

**09/395,413 filed 9/14/99**

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Bill D. McCarthy**

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

Street Address: **Crowe & Dunlevy**

**1800 Mid-America Tower, 20 North Broadway**

City: **Oklahoma City** State: **OK** Zip: **73102-8273**

6. Total number of applications and patents involved:

**1**

7. Total fee (37 CFR 3.41): \$ **40.00**

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: **13-0110**

**(if additional fees required)**

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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.*

**Randall K. McCarthy**

Name of Person Signing

Signature Reg. No. 39,297

**December 3, 1999**

Date

Total number of pages including cover sheet, attachments, and document: **3**

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PATENT  
REEL: 010422 FRAME: 0047

Docket No. **22671**  
SEA **8902**

### ASSIGNMENT

WHEREAS, I **Erming Luo**, am the inventor of an invention in **TEETH LOCK RING FOR A DISC STACK**, for which I have executed an application for United States Letters Patent in the United States Patent and Trademark Office on September 14, 1999, the application being assigned United States Patent Application Serial No. 09/395,413; and

WHEREAS, Seagate Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware and having a place of business at Scotts Valley, California, is desirous of acquiring the entire right, title and interest in and to said application and said invention, as well as any and all applications for Letters Patents and Inventor's Certificates which may be filed on said invention in any country or countries, as well as any and all Letters Patents and Inventor's Certificates which may be granted on any such application.

NOW, THEREFORE, for valuable consideration, the receipt and adequacy of which is hereby acknowledged, I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto Seagate Technology, Inc., its successors and assigns, my entire right, title and interest in, to and under said invention and said application, and any and all Letters Patents which may be granted for said invention and/or on said application, including all extensions, continuations, divisions and reissues thereof, and my right of priority under the International Convention for the Protection of Industrial Property, the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models, and any other convention, treaty or reciprocal agreement to which the United States is a party concerning priority in inventions, patents, designs, inventor's certificates, industrial property or industrial models, and any and all applications for Letters Patent or Inventor's Certificate which has heretofore or may hereafter be filed on said invention in any country or countries, as well as any and all Letters Patents and Inventor's Certificates which may be granted on any such application, including all extensions, continuations, divisions, reissues and renewals thereof; the same to be held and enjoyed by Seagate Technology, Inc. for its own use and behoof and for the use and behoof of its successors and assigns as fully and entirely as the same would have been held and enjoyed by me had this assignment not been made;

AND I covenant that I have not and will not execute any instrument or take any action contrary to this assignment, nor encumber the title of Seagate Technology, Inc. in, to and under said invention, applications, Letters Patents and Inventor's Certificates, and that I have the right to execute this instrument;

AND I hereby covenant and agree to keep Seagate Technology, Inc. advised of my current residence address, and I and my executors, administrators, representatives or assigns, will execute all papers, make all rightful oaths, and do all acts deemed by Seagate Technology, Inc., its successors and assigns, necessary or desirable in any proceeding concerning any of said applications or Letters Patents or Inventor's Certificates, including, but not limited to, proceedings for the procurement or enforcement of Letters Patents for said invention, or for the reissue, renewal or extension thereof, at the expense of Seagate Technology, Inc. but without charge to Seagate Technology, Inc., its successors and assigns.

I hereby request the Commissioner of Patents of the United States, and any official of any country foreign to the United States whose duty is to issue Letters Patents or Inventor's Certificates on applications as aforesaid, to issue Letters Patents or Inventor's Certificates to Seagate Technology, Inc. or its designee in accordance with this instrument.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment and sale.

Date: 11-23-99 Erming Luo  
Erming Luo, ASSIGNOR

STATE OF OKLAHOMA )  
 )  
COUNTY OF CANADIAN ) ss.

Nov This instrument was acknowledged before me, a Notary Public, on this 23 day of  
(Month) , 1999 by Erming Luo.

Smith H. Lane  
Notary Public

My Commission Expires: 11/23/00