

04-09-2004

U.S. DEPARTMENT OF COMMERCE  
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OMB No. 0651-0027 (exp. 6/30/2005)

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

## 1. Name of conveying party(ies):

Grant Edward Carlson  
Karl Heinz Cunha

## 2. Name and address of receiving party(ies)

Name: Seagate Technology LLC

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

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

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other \_\_\_\_\_

Street Address: 920 Disc DriveCity: Scotts Valley State: CA Zip: 95066Execution Date: April 2, 2004Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 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: 04/02/2004

A. Patent Application No.(s)

10/817311

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: David K. LucenteInternal Address: Seagate Technology LLCIntellectual Property - COL2LGLStreet Address: 389 Disc Drive6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00

- ☐ Enclosed
- ☒ Authorized to be charged to deposit account

## 8. Deposit account number:

19-1038

(Attach duplicate copy of this page if paying by deposit account)

04/08/2004 670N11 00000073 191038 10817311

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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.*David K. Lucente

Name of Person Signing

Signature

4/2/04

Date

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

Mail documents to be recorded with required cover sheet information to:

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**PATENT**  
**REEL: 015183 FRAME: 0669**

24390 U.S. PTO  
10/817311

040204

**ASSIGNMENT**

Seagate Docket No. : STL11717

WHEREAS, I/we Grant Edward Carlson of 1311 Upper Twin Rock Rd., Florissant, CO 80816 and Karl Heinz Cunha of 5845 Eldora Dr., Colorado Springs, CO 80918 are the inventor(s) of an invention entitled Shelf With Removable Backplane 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 is identifiable in the United States Patent and Trademark Office by Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and/or executed on even date herewith: 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/or executed on even date herewith:

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 protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.

  
Grant Edward Carlson(Inventor)

Subscribed and sworn to before me at Colorado Springs, CO, a Notary Public, this 7<sup>th</sup> day  
of April, 2004.

  
Notary Public

My Commission Expires 04-21-2007

(SEAL)

  
Karl Heinz Cunha(Inventor)

Subscribed and sworn to before me at Colorado Springs, CO, a Notary Public, this 7<sup>th</sup> day  
of April, 2004.

  
Notary Public

My Commission Expires 04-21-2007

(SEAL)