

IN THE UNITED

04-08-2002

PATENT APPLICATION

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102046304

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

1. Name of conveying party(ies):

**Jeffrey A. Heydt and Christopher L. Hill**Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment of U.S. Patent Application  
entitled **VELOCITY DEPENDENT REFERENCE  
PROFILE FOR SPINDLE MOTOR  
ACCELERATION CONTROL** filed December 21,  
2001.☐ Merger☐ Security Agreement ☐ Change of Name☐ OtherExecution Date: **March 13, 2002 and March 14, 2002,  
respectively**

2. Name and address of receiving party(ies)

Name: **Seagate Technology LLC**

Internal Address:

Street Address: **920 Disc Drive**City: **Scotts Valley** State: **CA** ZIP: **95066**

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)

**S.N. 10/028,222**

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom  
correspondence concerning document should be  
mailed:Name: **Randall K. 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  
account8. Deposit account number: **13-0110**

(if additional fees required)

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

**March 29, 2002**

Date

Total number of pages including cover sheet, attachments, and document: **2**

ASSIGNMENT

Attorney Docket No. P1554US01  
Seagate Docket No. STL-10280

WHEREAS, I/we, Jeffrey A. Heydt of 8712 N. W. 85<sup>th</sup> Street, Oklahoma City, Oklahoma 73132 and Christopher L. Hill of 13610 Embury Way, Apple Valley, Minnesota 55124 are the inventors of an invention entitled VELOCITY DEPENDENT REFERENCE PROFILE FOR SPINDLE MOTOR ACCELERATION CONTROL that is the subject matter of: (check all that apply)

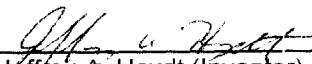
- provisional applications for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 60/253,216 filed on November 27, 2000 and 60/286,628 filed on April 26, 2001;
- an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 10/028,222 filed December 21, 2001; 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. and 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;

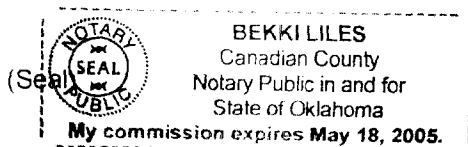
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I/we transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified applications, all provisional applications for which 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.

  
Jeffrey A. Heydt (Inventor)

Subscribed and sworn to before me at Oklahoma City, OK a Notary Public, this 13 day of March, 2002.



  
Notary Public

C. L. Hill  
Christopher L. Hill (Inventor)

Subscribed and sworn to before me at Shakopee, MN a Notary Public, this 14 day of March, 2002.

Angela S. Watson  
Notary Public

(Seal)

