

01-10-2002

PATENT APPLICATION  
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12/21/01

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

1. Name of conveying party(ies):  
**KayHee Tang, Xiong Liu, Aik Chuan Lim, Edmun ChianSong Seng, UttHeng Kan and ChoonKiat Lim**  
Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:  
 Assignment of U.S. Patent Application  
entitled **TRACK MIS-REGISTRATION MEASUREMENT FOR A DISC DRIVE** filed  
**December 21, 2001.**  
 Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: **December 19, 2001**

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**

disc 21 U.S. PTO  
10/029516  
12/21/01

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: **12/21/01.**

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. 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 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.

**Daniel P. Dooley**

Name of Person Signing

*Daniel P. Dooley*

Signature

Reg. No. 46,369

**December 21, 2001**

Date

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

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ASSIGNMENT

Express Mail Receipt No. ET009436345US  
Deposited on December 21, 2001

Attorney Docket No. P1558US01  
Seagate Docket No. STL-10380

WHEREAS, I/we KayHee Tang of Blk 122, #22-80, Kim Tian Road, Singapore, Singapore 160122, Xiong Liu of Blk 216, Bukit Batok Street 21, #08-293, Singapore, Singapore 650216, Aik Chuan Lim of Blk 117, #12-73, Clementi St 13, Singapore, Singapore 120117, Edmund ChianSong Seng of 59, Faber Green, Singapore, Singapore 129292, UthHeng Kan of 85, Cashew Road, Cashew Height #03-04, Singapore, Singapore 679656, and ChoonKiat Lim of 51, Hindhede Walk #06-12, Singapore, Singapore 567975 are the inventors of an invention entitled TRACK MIS-REGISTRATION MEASUREMENT FOR A DISC DRIVE 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. 60/311,113 filed on August 9, 2001;
- an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. \_\_\_\_\_ filed 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. \_\_\_\_\_ 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/our 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.

  
\_\_\_\_\_  
KayHee Tang (inventor)

As witnessed by me at Singapore, Singapore this 19 day of December, 2001.

  
\_\_\_\_\_  
Witness Te Chuee Fern

Liu Xiong  
Xiong Liu (Inventor)

As witnessed by me at Singapore, Singapore this 19 day of December, 2001.

[Signature]  
Witness Te Chong Fan

[Signature]  
Aik Chuap Lim (Inventor)

As witnessed by me at Singapore, Singapore this 19 day of December, 2001.

[Signature]  
Witness Lim Poh Seng

[Signature]  
Edmun Chan Song Seng (Inventor)

As witnessed by me at Singapore, Singapore, this 19 day of December, 2001.

[Signature]  
Witness LIM LIN WAH

[Signature]  
Utt Heng Karf (Inventor)

As witnessed by me at Singapore, Singapore, this 19 day of December, 2001.

[Signature]  
Witness Wu Det Huan

[Signature]  
Choon Kiat Lim (Inventor)

As witnessed by me at Singapore, Singapore, this 19 day of DEC., 2001.

[Signature]  
Witness