

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT            |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
|---|---------------------------|---------------|----------------|----------------------------|------------|--------------|------------|-------------|------------|--------------|------------|---------------|------------|--------------|------------|
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <b>CONVEYING PARTY DATA</b>   |                           |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Wesley Chan</td> <td>07/04/2008</td> </tr> <tr> <td>CheeSeng Toh</td> <td>07/03/2008</td> </tr> <tr> <td>PohGuat Bay</td> <td>07/03/2008</td> </tr> <tr> <td>ChweeFern Ee</td> <td>07/04/2008</td> </tr> <tr> <td>YongPeng Chng</td> <td>07/03/2008</td> </tr> <tr> <td>KokChoon See</td> <td>07/03/2008</td> </tr> </tbody> </table> |                           | Name          | Execution Date | Wesley Chan                | 07/04/2008 | CheeSeng Toh | 07/03/2008 | PohGuat Bay | 07/03/2008 | ChweeFern Ee | 07/04/2008 | YongPeng Chng | 07/03/2008 | KokChoon See | 07/03/2008 |
| Name  | Execution Date            |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| Wesley Chan   | 07/04/2008                |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| CheeSeng Toh  | 07/03/2008                |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| PohGuat Bay   | 07/03/2008                |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| ChweeFern Ee  | 07/04/2008                |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| YongPeng Chng   | 07/03/2008                |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| KokChoon See  | 07/03/2008                |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <b>RECEIVING PARTY DATA</b>   |                           |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <b>Name:</b>  | Seagate Technology, LLC   |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <b>Street Address:</b>  | 920 Disc Drive            |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <b>City:</b>  | Scotts Valley             |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <b>State/Country:</b>   | CALIFORNIA                |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <b>Postal Code:</b>   | 95066                     |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <b>PROPERTY NUMBERS Total: 1</b>  |                           |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>12138022</td> </tr> </tbody> </table>  |                           | Property Type | Number         | <b>Application Number:</b> | 12138022   |              |            |             |            |              |            |               |            |              |            |
| Property Type   | Number                    |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <b>Application Number:</b>  | 12138022                  |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <b>CORRESPONDENCE DATA</b>  |                           |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <b>Fax Number:</b>  | (720)377-0779             |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>  |                           |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <b>Phone:</b>   | 720-377-0770              |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <b>Email:</b>   | spowers@hkh-law.com       |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <b>Correspondent Name:</b>  | Hensley Kim & Holzer, LLC |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <b>Address Line 1:</b>  | 1660 Lincoln Street       |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
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| <b>Address Line 4:</b>  | Denver, COLORADO 80264    |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 390-074-USP               |               |                |                            |            |              |            |             |            |              |            |               |            |              |            |

OP \$40.00 12138022

NAME OF SUBMITTER:

Shawn P. Powers

Total Attachments: 3

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## ASSIGNMENT

Seagate Docket No. : STL13257 / 390-074-USP

WHEREAS, we, KokChoon See, Block 2 #12-328 Dover Road, Singapore, 130002; Wesley Chan, Block 16 # 02-25, Ang Mo Kio Central 3, Singapore, 567748; CheeSeng Toh, Block 427 # 08-697, Bukit Panjang Ring Road, Singapore 670427; PohGuat Bay, 12A Jalan Molek, Singapore 399524; ChweeFern Ee, Block 122 Kim Tian Road # 22-80 Tiong Bahru, Singapore 160122; and YongPeng Chng, 48 Woodgrove Walk, Woodlands, Singapore 738191 are the inventors of an invention entitled BUFFER MANAGEMENT FOR INCREASED WRITE SPEED IN LARGE SECTOR DATA STORAGE DEVICE 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. 12/138,022 filed on 12 June 2008 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.

Sichon

KokChoon See (Inventor)

Subscribed and sworn to before me at Science Park, a witness, this 3  
day of July, 2008.

Ng. 3/7/2008

Witness

NG CHOON WEL  
Ng Choon Wel

Wesley Chan (Inventor)

Subscribed and sworn to before me at science park, a witness, this 4  
day of July, 2008.

Miao Xuyi

Witness

Miao Xuyi

CheeSeng Toh (Inventor)

Subscribed and sworn to before me at Science Park, a witness, this 3  
day of July, 2008.

3/7/2008

Witness

Ricardo Lim Soon Wan

PohGuat Bay (Inventor)

Subscribed and sworn to before me at Science Park, a witness, this 3  
day of July, 2008.

3/7/2008

Witness

TANG KAY HEE

ChweeFern Ee (Inventor)

Subscribed and sworn to before me at Science Park, a witness, this 4  
day of July, 2008.

Seeun

Witness


KUAN KOW KIEW STEPHEN

Docket No. SIL13257/390-074-USP



\_\_\_\_\_  
YongPeng Chng (Inventor)

Subscribed and sworn to before me at Science Park, a witness, this 3  
day of July, 2008.

 3 July 08  
\_\_\_\_\_  
Witness TAN LIAN YONG