

**PATENT ASSIGNMENT**

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<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>Kong Beng Terang Thia</td> <td>04/29/2008</td> </tr> <tr> <td>Wei Loon Ng</td> <td>05/05/2008</td> </tr> <tr> <td>Pei Koh Lee</td> <td>04/29/2008</td> </tr> <tr> <td>Kah Liang Gan</td> <td>04/29/2008</td> </tr> </tbody> </table>		Name	Execution Date	Kong Beng Terang Thia	04/29/2008	Wei Loon Ng	05/05/2008	Pei Koh Lee	04/29/2008	Kah Liang Gan	04/29/2008
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Wei Loon Ng	05/05/2008										
Pei Koh Lee	04/29/2008										
Kah Liang Gan	04/29/2008										
<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>Application Number:</td> <td>29317385</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29317385						
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Application Number:	29317385										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(612)334-3312										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	6123343222										
<b>Email:</b>	lswaja@wck.com										
<b>Correspondent Name:</b>	SEAGATE TECHNOLOGY LLC C/O WESTMAN CHAMP										
<b>Address Line 1:</b>	900 Second Avenue South										
<b>Address Line 2:</b>	Suite 1400										
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402-3244										
<b>ATTORNEY DOCKET NUMBER:</b>	S01.12-1274										
<b>NAME OF SUBMITTER:</b>	Judson K. Champlin										
Total Attachments: 2											

OP \$40.00 29317385

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**PATENT  
 REEL: 021014 FRAME: 0648**

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## ASSIGNMENT

Attorney Docket No. : S01.12-1274

Seagate Docket No. : STL 14249.00

WHEREAS, we Kong Beng Terang Thia, of Blk 325A SengKang East Way, #10-509, Singapore 541325, Wei Loon Ng, of 14 Verde Crescent, Singapore, Pei Koh Lee, of Blk 687C Choa Chu Kang Drive, #06-358, Singapore 683687, and Kah Liang Gan, of 27 Springwood Crescent, Singapore 118055, are the inventor(s) of an invention entitled \_\_\_\_\_ 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. 29/317,385 filed on April 29, 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.

Attorney Docket No. : S01.12-1274  
Seagate Docket No. : STL 14249

Terang  
Kong Beng Terang Thia (Inventor)

Subscribed and sworn to before me at Singapore, a <sup>Witness</sup> Notary Public, this 29 day of April, 2008.

(SEAL)

Suyit  
Notary Public <sup>Witness</sup>

Wei Loon Ng  
Wei Loon Ng (Inventor)

Subscribed and sworn to before me at Singapore, a <sup>Witness</sup> Notary Public, this 5 day of May, 2008.

(SEAL)

[Signature]  
Notary Public <sup>Witness</sup>

Pei Koh Lee  
Pei Koh Lee (Inventor)

Subscribed and sworn to before me at Singapore, a <sup>Witness</sup> Notary Public, this 29 day of April, 2008.

(SEAL)

Suyit  
Notary Public <sup>Witness</sup>

Kah Liang Gan  
Kah Liang Gan (Inventor)

Subscribed and sworn to before me at Singapore, a <sup>Witness</sup> Notary Public, this 29 day of April, 2008.

(SEAL)

Suyit  
Notary Public <sup>Witness</sup>