

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YongLing Yu	12/09/2007
Vigneswara Subramaniam	12/09/2007
HwaLiang Ng	12/09/2007
George P. Thomas	12/09/2007
Joseph Charles Lutz	09/19/2007
<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>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11855708
<b>CORRESPONDENCE DATA</b>	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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ATTORNEY DOCKET NUMBER:	STL13380
NAME OF SUBMITTER:	Mitchell K. McCarthy

OP \$40.00 11855708

**Total Attachments: 4**

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## ASSIGNMENT

Docket No. STL13380

WHEREAS, I/we, Joseph Charles Lutz of 4355 West 137<sup>th</sup> Street, Savage, Savage MN 55378, YongLing Yu of BLK. 142, Tampines ST\_12, 04-306 Singapore 521142, Vigneswara Subramaniam of B11-03, Bistari Impian, 80350 Johor Baru, Johor, Hwaliang Ng of BLK 716 #06-367 Hougang Avenue 2, Singapore 530716 and George P. Thomas of Unit 04-17, Block 865, Yishun Street 81, Singapore 760865 are the inventor(s) of an invention entitled COLLECTING DEBRIS FROM A TOOL 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. 11/855,708 filed on September 14, 2007 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. \_\_\_\_\_ and filed on \_\_\_\_\_; and

WHEREAS, SEAGATE TECHNOLOGY LLC, a 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.

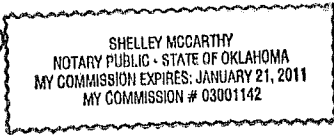
Joseph Charles Lutz  
Joseph Charles Lutz (Inventor)

Subscribed and sworn to before me at Oklahoma City, OK a Notary Public, this 19<sup>th</sup> day of

September, 2007.

Shelley McCarthy  
Notary Public

(Seal)



## ASSIGNMENT

Seagate Docket No. : STL13380

WHEREAS, I/we YongLing Yu of Blk. 142, Tampines ST\_12, 04-306, Singapore 521142, and VigneswaraRao Subramaniam of B11-03, Bistari Impian, 80350, Johor Baru, Johor, and HwaLiang Ng of Blk 716 #06-367 Hougang Avenue 2, Singapore 530716, and George P. Thomas of Unit 04-17, Block 865, Yishun Street 81, Singapore 760865, are the inventor(s) of an invention entitled COLLECTING DEBRIS FROM A TOOL 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. 11/855,708 filed on September 14, 2007 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.

YongLing Xu  
YongLing Xu

Subscribed and sworn to before me at Singapore, a witness, this 09 day of DEC, 2007.

[Signature]  
Witness

[Signature]  
Vigneswara Subramaniam

Subscribed and sworn to before me at Singapore, a witness, this 09 day of DEC, 2007.

[Signature]  
Witness

[Signature]  
Hwaliang Ng

Subscribed and sworn to before me at Singapore, a witness, this 09 day of Dec, 2007.

[Signature]  
Witness

[Signature]  
George P. Thomas

Subscribed and sworn to before me at Singapore, a witness, this 9<sup>th</sup> day of December, 2007.

[Signature]  
Witness  
SENG PENG HO