

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Douglas Cole	02/28/2011
Lijuan Zhong	03/01/2011
Roger Lee Hipwell Jr.	02/25/2011
Joseph Michael Stephan	02/28/2011
Scott Eugene Olson	03/01/2011
Tanya Jegeris Snyder	03/02/2011
Yongjun Zhao	03/03/2011
<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>
<b>Application Number:</b>	13031667
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)261-0915
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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<b>Correspondent Name:</b>	PIETRAGALLO GORDON ALFANO BOSICK & RASPA
<b>Address Line 1:</b>	ONE OXFORD CENTRE, 38TH FLOOR
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<b>Address Line 4:</b>	PITTSBURGH, PENNSYLVANIA 15219-6404
<b>ATTORNEY DOCKET NUMBER:</b>	SEAG-88187

**CH \$40.00 13031667**

**501485138**

**PATENT**  
**REEL: 026048 FRAME: 0833**

NAME OF SUBMITTER:

Robert P. Lenart

Total Attachments: 6

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## ASSIGNMENT

Seagate Docket No. : STL 16276.00  
SEAG-88187

WHEREAS, I/we, DOUGLAS COLE of 2013 Great Oaks Drive, Burnsville, MN 55337 USA; LIJUAN ZHONG of 17813 Haralson Drive, Eden Prairie, MN 55347 USA; ROGER LEE HIPWELL, JR. of 7562 Kimberly Lane, Eden Prairie, MN 55346 USA; JOSEPH MICHAEL STEPHAN of 8771 Hawthorne Drive, Eden Prairie, MN 55347 USA; SCOTT EUGENE OLSON of 3673 Blue Jay Way, Eagan, MN 55123 USA; TANYA JEGERIS SNYDER of 5705 Lois Lane, Edina, MN 55439 USA; and YONGJUN ZHAO of 8655 Shepherd Way, Eden Prairie, MN 55347 USA, are the inventor(s) of an invention entitled CAPPING METHOD FOR LASER DIODE PROTECTION 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. 13/031,667 filed on February 22, 2011 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.

State of MN  
County of Hennepin

Douglas Cole  
DOUGLAS COLE (Inventor)

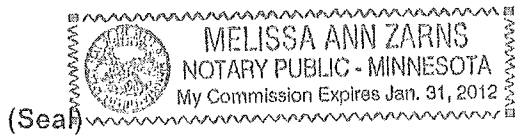
On Feb. 28, 2011 before me, Melissa Zarns, Notary Public  
(insert name and title of the officer)

personally appeared DOUGLAS COLE (Inventor),  
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within  
instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by  
his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the  
instrument.

I certify under PENALTY OF PERJURY under the laws of the State of MN a that the foregoing  
paragraph is true and correct.

WITNESS my hand and official seal.

Signature Melissa Zarns  
Signature of Notary Public



State of MN  
County of Hennepin

Lijuan Zhong  
LIJUAN ZHONG (Inventor)

On March 1, 2011 before me, Melissa Zarns, Notary Public  
(insert name and title of the officer)

personally appeared LIJUAN ZHONG (Inventor),  
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within  
instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by  
his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the  
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WITNESS my hand and official seal.

Signature Melissa Zarns  
Signature of Notary Public



State of MN  
County of Hennepin

ROGER LEE HIPWELL, JR. (Inventor)

On Feb. 25, 2011 before me, Melissa Zarns, Notary Public  
(insert name and title of the officer)

personally appeared ROGER LEE HIPWELL, JR. (Inventor),  
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within  
instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by  
his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the  
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I certify under PENALTY OF PERJURY under the laws of the State of MN a that the foregoing  
paragraph is true and correct.

WITNESS my hand and official seal.

Signature Melissa Zarns (Seal)  
Signature of Notary Public



State of MN  
County of Hennepin

JOSEPH MICHAEL STEPHAN (Inventor)

On Feb. 28, 2011 before me, Melissa Zarns, Notary Public  
(insert name and title of the officer)

personally appeared JOSEPH MICHAEL STEPHAN (Inventor),  
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within  
instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by  
his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the  
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paragraph is true and correct.

WITNESS my hand and official seal.

Signature Melissa Zarns (Seal)  
Signature of Notary Public



SCOTT EUGENE OLSON  
SCOTT EUGENE OLSON (Inventor)

State of MN

County of Hennepin

On March 1, 2011 before me, Melissa Zarns, Notary Public  
(insert name and title of the officer)

personally appeared SCOTT EUGENE OLSON (Inventor),  
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within  
instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by  
his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the  
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paragraph is true and correct.

WITNESS my hand and official seal.

Signature Melissa Zarns  
Signature of Notary Public



TANYA JEGERIS SNYDER (Inventor)

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_  
(insert name and title of the officer)

personally appeared TANYA JEGERIS SNYDER (Inventor),  
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within  
instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by  
his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the  
instrument.

I certify under PENALTY OF PERJURY under the laws of the State of \_\_\_\_\_ a that the foregoing  
paragraph is true and correct.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)  
Signature of Notary Public

State of \_\_\_\_\_

SCOTT EUGENE OLSON (Inventor)

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_  
(insert name and title of the officer)

personally appeared SCOTT EUGENE OLSON (Inventor),  
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within  
instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by  
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paragraph is true and correct.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)  
Signature of Notary Public

-----  
*Tanya Snyder* 3/2/11  
TANYA JEGERIS SNYDER (Inventor)

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_  
(insert name and title of the officer)

personally appeared TANYA JEGERIS SNYDER (Inventor),  
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within  
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I certify under PENALTY OF PERJURY under the laws of the State of \_\_\_\_\_ a that the foregoing  
paragraph is true and correct.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)  
Signature of Notary Public

*[Handwritten signature]*

YONGJUN ZHAO (Inventor)

State of MN

County of Hennepin

On March 3, 2011 before me, Melissa Zarns, Notary Public  
(insert name and title of the officer)

personally appeared YONGJUN ZHAO (Inventor),  
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within  
instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by  
his/her signature on the instrument the person, or the entity, upon behalf of which the person acted, executed the  
instrument.

I certify under PENALTY OF PERJURY under the laws of the State of MN a that the foregoing  
paragraph is true and correct.

WITNESS my hand and official seal.

Signature Melissa Zarns  
Signature of Notary Public

