

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Da Woon CHUNG</td> <td>10/09/2012</td> </tr> <tr> <td>Byoung Kul JI</td> <td>10/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Da Woon CHUNG	10/09/2012	Byoung Kul JI	10/09/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Seagate Technology LLC</td> </tr> <tr> <td>Street Address:</td> <td>10200 South DeAnza Boulevard</td> </tr> <tr> <td>City:</td> <td>Austin</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>95014</td> </tr> </table>		Name:	Seagate Technology LLC	Street Address:	10200 South DeAnza Boulevard	City:	Austin	State/Country:	TEXAS	Postal Code:	95014
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 5123547564  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 5129219069        Email: kcesari@cesari-reed.com        Correspondent Name: Cesari &amp; Reed LLP        Address Line 1: PO Box 9669        Address Line 4: Austin, TEXAS 78766</p>											
ATTORNEY DOCKET NUMBER:	1000-STL22799										
NAME OF SUBMITTER:	Kirk A. Cesari										
<p>Total Attachments: 2        source=2012-11-01_Assignment_STL22799#page1.tif        source=2012-11-01_Assignment_STL22799#page2.tif</p>											

OP \$40.00 13536992

# ASSIGNMENT

Seagate Docket No. : 1000-STL22799

WHEREAS, I/we Da Woon CHUNG of 104-1002 Ssangyong Apt., Homaesil-dong, Gwonseon-gu, Suwon-si, Gyeonggi-do, Republic of Korea and Byoung Kul Ji of 124-701 Hwanggol Maeul 1-danji Apt., Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea are the inventor(s) of an invention entitled METHOD AND APPARATUS FOR SERVO PATTERN WRITING that is the subject matter of: (check all that apply)

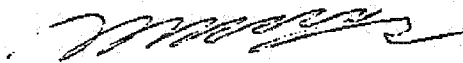
- ☐ a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. \_\_\_\_\_ filed on \_\_\_\_\_;
- ☒ an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 13/536,992 filed on June 28, 2012 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 10200 S. De Anza Blvd, Cupertino, CA 95014 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.



Da Woon CHUNG (Inventor)

10/09/2012

Date

Witness Signature

Print Name & Date

Byoung Kul Ji

*[Signature]*

10-9-2012

Date

Witness Signature

Print Name & Date