PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5939669

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN MICHAEL BENT	01/14/2020
IAN DAVIES	01/10/2020
MOHAMAD EL-BATAL	01/30/2020
UJJWAL LANJEWAR	01/21/2020

RECEIVING PARTY DATA

Name:	SEAGATE TECHNOLOGY LLC	
Street Address:	10200 S. DEANZA BLVD.	
City:	CUPERTINO	
State/Country:	CALIFORNIA	
Postal Code:	95014	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16777988

CORRESPONDENCE DATA

Fax Number: (612)305-1228

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 612-305-1220

Email: tdotter@mrgiplaw.com WILLIAM B. ASHLEY **Correspondent Name:**

111 WASHINGTON AVENUE SOUTH Address Line 1:

Address Line 2: SUITE 700

Address Line 4: MINNEAPOLIS, MINNESOTA 55401

ATTORNEY DOCKET NUMBER:	0430.074716US01
NAME OF SUBMITTER:	WILLIAM B. ASHLEY
SIGNATURE:	/William B. Ashley/
DATE SIGNED:	01/31/2020
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 8

PATENT REEL: 051680 FRAME: 0718

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PATENT REEL: 051680 FRAME: 0719

COMBINED ASSIGNMENT AND DECLARATION

WHEREAS, John Michael Bent of 1902 Camino Durasnilla, Los Alamos, NM 87544; Ian Davies of 3950 Hawthorne Circle, Longmont, CO 80503; Mohamad El-Batal of 3664 W. Torrey Peaks Drive, Superior, CO 80027; and Ujjwal Lanjewar of #401, Building 1B, Gera Trinity Towers, Grant Road, Kharadi, India 411014, are the inventors of an invention entitled DISK ARRAY USING MULTIPLE ACTUATOR DRIVES WITH LOGICAL UNITS COUPLED TO ACTIVE AND PASSIVE SERVERS 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. _______nfiled on ______and/or executed on even date

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.

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:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I 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 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 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 authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I 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 represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my 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.

The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-inpart applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

> Rev: 10/18/2012 **PATENT**

herewith: and

	Attorney Docket No.: 0430.074716US0 Seagate Docket No.: STL074716.00US John Michael Bent (Inventor) Date
***************************************	lan Davies (Inventor)
***************************************	Mohamad El-Batal (Inventor)
***************************************	Date
	Ujjwal Lanjewar (Inventor) Date

-2-

COMBINED ASSIGNMENT AND DECLARATION

WHEREAS, John Michael Bent of 1902 Camino Durasnilla, Los Alamos, NM 87544; Ian Davies of 3950 Hawthorne Circle, Longmont, CO 80503; Mohamad El-Batal of 3664 W. Torrey Peaks Drive, Superior, CO 80027; and Ujjwal Lanjewar of #401, Building 1B, Gera Trinity Towers, Grant Road, Kharadi, India 411014, are the inventors of an invention entitled DISK ARRAY USING MULTIPLE ACTUATOR DRIVES WITH LOGICAL UNITS COUPLED TO ACTIVE AND PASSIVE SERVERS 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. _______ filed on _______ and/or executed on even date herewith: and

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;

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NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I 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 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 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 authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I 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 represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my 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.

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U.S. Assignment - Seagate Technology LLC - Confidential

Rev: 10/18/2012

	John Michael Bent (Inventor)
并含化化物质化物质化物质化物质	Date
	lan Davies (Inventor) 10/19 Date
	Mohamad El-Batal (Inventor)
**************************************	Date
	Ujjwal Lanjewar (Inventor)
	Date

COMBINED ASSIGNMENT AND DECLARATION

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	by Application No.	filed on	<u> </u>
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Rev: 10/18/2012
PATENT

	John Michael Bent (Inventor)
	Date
	lan Davies (Inventor)
	Date
·	Mohamad El-Batal (Inventor) 1-30-2020 Date
	Ujjwal Lanjewar (Inventor)
	Date

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Rev: 10/18/2012

John	Michael Bent (Inventor)
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lan D	avies (Inventor)
	Date
**************************************	<u></u>
Moha	mad El-Batal (Inventor)
	Date
$\underline{\omega}$	Lanjewar (Inventor) 1/21/2020 Date

U.S. Assignment - Seagate Technology LLC - Confidential -2-

Rev: 10/18/2012