### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
David Scott Allsup	07/29/2009
Matthew James Dozier	08/04/2009
Brent R. Brown	07/28/2009
Peter R. Janik	08/04/2009

#### **RECEIVING PARTY DATA**

Name:	Seagate Technology, LLC
Street Address:	920 Disc Drive
City:	Scotts Valley
State/Country:	CALIFORNIA
Postal Code:	95066

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12472187

#### **CORRESPONDENCE DATA**

Fax Number: (651)735-1102

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 651 735 1100

Email: pairdocketing@ssiplaw.com Correspondent Name: Shumaker & Sieffert, P.A.

Address Line 1: 1625 Radio Drive

Address Line 2: Suite 300

Address Line 4: Woodbury, MINNESOTA 55125

ATTORNEY DOCKET NUMBER:	1081-129US01
NAME OF SUBMITTER:	Daniel T. Lund

**REEL: 023058 FRAME: 0348** 

**PATENT** 500929844

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PATENT REEL: 023058 FRAME: 0349

Seagate Docket No.:14664.1/1081-129US001

WHEREAS, we David Scott Allsup of 8458 Stay Sail Drive, Windsor CO, 80528, Matthew James Dozier of 306 Wren Place, Loveland CO, 80537, Brent R. Brown of 102343 Valley Forge Lane North, Maple Grove MN, 55369 and Peter R. Janik of 730 Theis Drive, Shakopee MN, 55379 are the inventor(s) of an invention entitled MASS DATA STORAGE DEVICE CARTRIDGE FLEXIBLE INTERCONNECT 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. 12/472,187 filed on 26-May-2009 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.  David Scott Allsup
Subscribed and sworn to before me at $\frac{1}{2}$ (C) (C) , a Notary Public, this $\frac{1}{2}$ day of $\frac{1}{2}$ , 2009.
Notes Public
(SEAL)

U.S. Assignment Seagate Technology LLC

	Matthew James Doz	zier		
Subscribed and sworn to before me at of, 2009.		, a Notary Public,	this	day
(SEAL)	Notary Public			
Subscribed and sworp to before me at	Brent R. Brown			
Subscribed and sworn to before me at of, 2009.		, a Notary Public,	this	day
(SEAL)	Notary Public			
Subscribed and sworn to before me at	Peter R. Janik	a Matary Dublia	thic	dov
of, 2009.		, a Notary Fublic,	u 115	uay
(SEAL)	Notary Public			

Seagate Docket No.:14664.1/1081-129US001

WHEREAS, we David Scott Allsup of 8458 Stay Sail Drive, Windsor CO, 80528, Matthew James Dozier of 306 Wren Place, Loveland CO, 80537, Brent R. Brown of 102343 Valley Forge Lane North, Maple Grove MN, 55369 and Peter R. Janik of 730 Theis Drive, Shakopee MN, 55379 are the inventor(s) of an invention entitled MASS DATA STORAGE DEVICE CARTRIDGE FLEXIBLE INTERCONNECT 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. 12/472,187 filed on 26-May-2009 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.
David Scott Allsup
Subscribed and sworn to before me at, a Notary Public, this day of, 2009.
(SEAL)

U.S. Assignment Seagate Technology LLC

Subscribed and sworn to before me at <u>Larimer</u> of <u>August</u> , 2009.	Matthew James Dozier  Caudy, Colorado, a Notary Public, this 4k day
(SEAL) KAAREN MCISAAC NOTARY PUBLIC, STATE OF COLORADO	Notary Public My Commission Expires September 10, 2011
Subscribed and sworn to before me at of, 2009.	Brent R. Brown, a Notary Public, this day
(SEAL)	Notary Public

Subscribed and sworn to before me at \_\_\_\_\_\_, a Notary Public, this \_\_\_\_\_ day of \_\_\_\_\_\_, 2009.

Peter R. Janik

Notary Public

(SEAL)

Seagate Docket No.:14664.1/1081-129US001

WHEREAS, we David Scott Allsup of 8458 Stay Sail Drive, Windsor CO, 80528, Matthew James Dozier of 306 Vren Place, Loveland CO, 80537, Brent R. Brown of 102343 Valley Forge Lane North, Maple Grove MN, 55369 and Peter R. Janik of 730 Theis Drive, Shakopee MN, 55379 are the inventor(s) of an invention entitled MASS DATA STORAGE DEVICE CARTRIDGE FLEXIBLE INTERCONNECT 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. 12/472,187 filed on 26-May-2009 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:
VHEREAS, 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 JSA, ("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;
IOW, 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, enewal, 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.
We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application umbers when ascertained. I/We further authorize the Assignee, its successors and assigns, or anyone it may roperly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all preign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.
We represent to the Assignee, its successors and assigns, that I/we have not and shall not execute any writing or o any act whatsoever conflicting with this Assignment. I/We, my/our executors or administrators, will at any time pon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, xecute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as ne Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all ssistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal rotection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.
David Scott Allsup
Subscribed and sworn to before me at, a Notary Public, this day f, 2009.
Notary Public

U.S. Assignment Seagate Technology LLC

Subscribed and sworn to before me at	Matthew James Dozier  The Brune, a Notary Public, this 28 day  Notary Public  Transfer  Transfer  Matthew James Dozier	зу
Subscribed and sworn to before me at	Brent R. Brown, a Notary Public, this da  Notary Public	зy
Subscribed and sworn to before me at of, 2009.	Peter R. Janik , a Notary Public, thisda	аy
(SEAL)	Notary Public	

Seagate Docket No.: 14530/1081-133S

WHEREAS, we David Scott Allsup of 8458 Stay Sail Drive, Windsor CO, 80528, Matthew James Dozier of 306 Wren Place, Loveland CO, 80537, Brent R. Brown of 102343 Valley Forge Lane North, Maple Grove MN, 55369 and Peter R. Janik of 730 Theis Drive, Shakopee MN, 55379 are the inventor(s) of an invention entitled MASS DATA STORAGE DEVICE CARTRIDGE FLEXIBLE INTERCONNECT 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. 12/472,187 filed on 26-May-2009 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 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.
David Scott Allsup
Subscribed and sworn to before me at, a Notary Public, this day of, 2009.
Notary Public (SEAL)

	Matthew James Dozier	
Subscribed and sworn to before me at of, 2009.	, a Notary Public, this	day
(SEAL)	Notary Public	
	Brent R. Brown	
Subscribed and sworn to before me at of, 2009.	, a Notary Public, this	_ day
(SEAL)	Notary Public	
	Peter R. Janik	
Subscribed and sworn to before me at	Papee, MN, a Notary Public, this f	_ day
(SEAL)  PHONDA M. CARL  Notary Public-Minnesota  My Commission Expires Jan 31, 2011	Notary Public	

U.S. Assignment Seagate Technology LLC

**RECORDED: 08/05/2009**