

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

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>Paul T. McParland</td><td>12/12/2011</td></tr><tr><td>Mu-Jung Chen</td><td>12/08/2011</td></tr><tr><td>Ming-Hsueh Tsai</td><td>12/08/2011</td></tr></tbody></table>	Name	Execution Date	Paul T. McParland	12/12/2011	Mu-Jung Chen	12/08/2011	Ming-Hsueh Tsai	12/08/2011	
Name	Execution Date								
Paul T. McParland	12/12/2011								
Mu-Jung Chen	12/08/2011								
Ming-Hsueh Tsai	12/08/2011								
RECEIVING PARTY DATA									
Name:	SEAGATE TECHNOLOGY LLC								
Street Address:	10200 S. DeAnza Boulevard								
City:	Cupertino								
State/Country:	CALIFORNIA								
Postal Code:	95014								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>29408546</td></tr></tbody></table>	Property Type	Number	Application Number:	29408546					
Property Type	Number								
Application Number:	29408546								
CORRESPONDENCE DATA									
Fax Number:	(612)305-1228								
Phone:	6123051873								
Email:	dlagro@mrgiplaw.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Brian C. Whipps								
Address Line 1:	Post Office Box 581336								
Address Line 4:	Minneapolis, MINNESOTA 55458-1220								
ATTORNEY DOCKET NUMBER:	430.17064010								
NAME OF SUBMITTER:	Brian C. Whipps								
Total Attachments: 3 source=Assignment-17064.00#page1.tif source=Assignment-17064.00#page2.tif source=Assignment-17064.00#page3.tif									

CH \$40.00 29408546

501756678

PATENT
REEL: 027394 FRAME: 0996

ASSIGNMENT

Seagate Docket No.: STL 17064.00 US

WHEREAS, I/we Paul T. McParland of Saratoga, CA, Mu-Jung Chen of Gongyuan Taipei City, Taiwan, and Ming-Hsueh Tsai of Taipei City, Taiwan and are the inventor(s) of an invention entitled CARTRIDGE INTERFACE 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. 29/408,546 filed on 14 Dec 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 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.

Paul T. McParland
Paul T. McParland (Inventor)
12/12/2011
Date

State of California

County of Santa Clara

On 12/12/2011 before me, Cynthia Rogers, Notary Public
(insert name and title of the officer)

personally appeared Paul T. McParland (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 California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Cynthia Rogers
Signature of Notary Public

(Seal)



Mu-Jung Chen
Mu-Jung Chen (Inventor)

Subscribed and sworn to before me at _____, a witness, this ____ day of _____, 2011.

Witness

Ming-Hsueh Tsai
Ming-Hsueh Tsai (Inventor)

Subscribed and sworn to before me at _____, a witness, this ____ day of _____, 2011.

Witness

Paul T. McParland (Inventor)

Date

State of _____)

County of _____)

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

personally appeared Paul T. McParland (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 _____ that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)
Signature of Notary Public

Mu-Jung Chen
Mu-Jung Chen (Inventor)

Subscribed and sworn to before me at Seagate TW Office, a witness, this 8th day of Dec, 2011.
Zinc Su 12/8/11
Witness

Ming-Hsueh Tsai
Ming-Hsueh Tsai (Inventor)

Subscribed and sworn to before me at Seagate Taipei Office, a witness, this 8th day of Dec, 2011.
Mu-Jung Chen
Witness