

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Philip L. Steiner</td> <td>02/22/2011</td> </tr> <tr> <td>Nan-Hsiung Yeh</td> <td>02/22/2011</td> </tr> <tr> <td>Mathew P. Veal</td> <td>02/14/2011</td> </tr> </tbody> </table>		Name	Execution Date	Philip L. Steiner	02/22/2011	Nan-Hsiung Yeh	02/22/2011	Mathew P. Veal	02/14/2011		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Seagate Technology LLC</td> </tr> <tr> <td>Street Address:</td> <td>920 Disc Drive</td> </tr> <tr> <td>City:</td> <td>Scotts Valley</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95066</td> </tr> </table>		Name:	Seagate Technology LLC	Street Address:	920 Disc Drive	City:	Scotts Valley	State/Country:	CALIFORNIA	Postal Code:	95066
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CORRESPONDENCE DATA											
<p>Fax Number: (952)854-2722</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 952 854 2700</p> <p>Email: tdotter@hfiplaw.com</p> <p>Correspondent Name: Hollingsworth & Funk</p> <p>Address Line 1: 8500 Normandale Lake Blvd</p> <p>Address Line 2: Suite 320</p> <p>Address Line 4: Minneapolis, MINNESOTA 55437</p>											
ATTORNEY DOCKET NUMBER:	STX.014.A1										
NAME OF SUBMITTER:	Mark A. Hollingsworth										
<p>Total Attachments: 3</p> <p>source=ASG-STX014A1#page1.tif</p>											

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PATENT

REEL: 025880 FRAME: 0311

ASSIGNMENT

Attorney Docket No. : STX.014.A1
(STL16378.00US)

WHEREAS, I/we Philip L. Steiner of 1435 Braddale Avenue, Los Altos, CA 94024; Nan-Hsiung Yeh of 612 Somerset Lane, Foster City, CA 94404; and Mathew P. Vea of 119 Prospect Street, Shrewsbury, MA 01545, am/are the inventor(s) of an invention entitled INTERLEAVED AUTOMATIC GAIN CONTROL FOR ASYMMETRIC DATA SIGNALS 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
- ☐ 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.


Philip L. Steiner (Inventor)

State of CALIFORNIA
County of ALAMETA

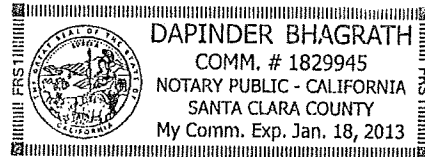
On Feb 22nd, 2011 before me, DAPINDER BHAGRATH, Notary Public
(insert name and title of the officer)

personally appeared PHILIP L. STEINER (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

Dapinder Bhagrath
Signature of Notary Public

(Seal)

~~~~~  
Nan-Hsiung Yeh (Inventor)

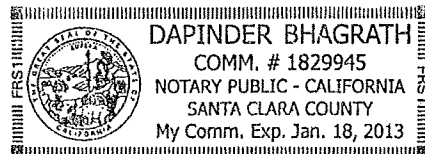
State of CALIFORNIA  
County of ALAMEDA

On Feb 22<sup>nd</sup>, 2011 before me, DAPINDER BHAGRATH, Notary Public  
(insert name and title of the officer)

personally appeared NAN - HSIUNG YEH (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

Dapinder Bhagrath  
Signature of Notary Public

(Seal)

~~~~~  
Mathew P. Veal (Inventor)

Subscribed and sworn to before me at _____, a Notary Public,
this ____ day of _____, 201__.

Notary Public

(SEAL)

Nan-Hsiung Yeh (Inventor)

Subscribed and sworn to before me at _____, a Notary Public,
this ____ day of _____, 201__.

Notary Public

(SEAL)

Mathew P. Ve
Mathew P. Ve (Inventor)

Subscribed and sworn to before me at 333 Smith Street, Shrewsbury, Ma, a Notary Public,
this 14th day of February, 2011.

Rita McDonough
Notary Public

(SEAL)



RITA MCDONOUGH
Notary Public
Commonwealth of Massachusetts
My Commission Expires
August 6, 2015