PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Alan Biggar Johnston	11/04/2009	
Mark Anthony Gubbins	11/04/2009	
Dieter Klaus Weller	11/04/2009	

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:	12613391	

CORRESPONDENCE DATA

Fax Number: (720)377-0779

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

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Address Line 4: Denver, COLORADO 80264

ATTORNEY DOCKET NUMBER:	STL13849791-005-USP
NAME OF SUBMITTER:	Shawn P. Powers

Total Attachments: 3

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PATENT REEL: 023700 FRAME: 0753

ASSIGNMENT

Seagate Docket No.:

STL13849

	1EREAS, I/we Alan Biggar Johnston of Londonderry, Northern Ireland, Mark Anthony	
Irela	and, and Dieter Klaus Weller of San Jose, California are the inventor(s) of an invention	on entitled WAVEFORM
BA:	SED BIT DETECTION FOR BIT PATTERNED MEDIA that is the subject matter of: (check all that apply)
\Box	a provisional application for Latters Datent which is identifiable in the United States	Detect and Trademant Office
ш	a provisional application for Letters Patent which is identifiable in the United States	Patent and Trademark Office
	by Application No filed on;	
\boxtimes	an application for Letters Patent which is identifiable in the United States Patent and	Trademark Office by
	Application No. 12/613,391 filed on 05 November 2009 and/or executed on	
\Box	an international application for Letters Patent filed pursuant to the Patent Cooperation	on Treaty which is
	identifiable in the United States Receiving Office by Application No.	filed on
	; and/or executed on even date herewith:	
	, 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.

{00132988 v 1}STL13849 - U.S. Assignment Seagate Technology LLC-1-

Rev. January 10, 2001

Subscribed and swon	n to before me at <u>SEACATE</u>	Alan Bigger Johnston (Inventor) DERCY WORTHOLD THE Witness, this Witness Alex Cazacu	<u>니</u> day of
Subscribed and swom	in before me at SEAGATE	Mask Cubbins Mark Anthony Gubbins (Inventor) DERLY, Northern Test, a Witness, this	ful arms as
Nov., 2009.	no palois me ai Strategia	Witness Alex Cazaca	day or
		Dieter Klaus Weller (Inventor)	
State of California County of	_		
his authorized capacity the person acted, exec	subscribed to the within Inst , and that by his signature of uted the instrument. 'Y OF PERJURY under the k	, Notary Public, personally appears o proved to me on the basis of satisfactory evider trument and acknowledged to me that he execute in the instrument the person or the entity upon belaws of the State of California that the foregoing p	nce to be the ed the same in half of which
Notary Public			
Commission Expires: _			

(00132986 v. 1)STL13849 - U.S. Assignment Seagate Technology LLC-2-

Rev. January 10, 2001

	Alan Biggar Johnston	(Inventor)	•	,
Subscribed and sworn to before me at	ı	, a Witne	ss, this	day of
, 2009.	Witness			•
			•	,
Subscribed and sworn to before me at <u>Sau</u> <u>Paventhy</u> 2009.	Hillian Miller	bins (Invento	ss, this <u>p</u>	석_day of
State of California	Dieter Klaus Welle	Taus r (Inventor)	<u>Della</u>	3
County of				
On2009 before me,who person whose name is subscribed to the within inst his authorized capacity, and that by his signature of the person acted, executed the instrument.	, Notary Pu o proved to me on the ba trument and acknowledge n the instrument the pers	isis of satisfacted to me that h	iory eviden le executed	ce to be the d the same in
I certify under PENALTY OF PERJURY under the I true and correct.	aws of the State of Califo	ornia that the fo	oregoing pa	aragraph is
WITNESS my hand and official seal.				
Notary Public				•
Commission Expires:	·			

{00132988 v 1}STL13849 - U.S. Assignment Seagate Technology LLC-2-

Rev. January 10, 2001

PATENT REEL: 023700 FRAME: 0756