503341798 06/09/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3388418

SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY	DATA	ľ			
			Name	Execution Date	
WENZHONG ZHU				03/23/2015	
KAIZHONG GAO				03/23/2015	
EDWARD GAGE				04/01/2015	
RECEIVING PARTY I	DATA				
Name:	SEAG	SEAGATE TECHNOLOGY LLC			
Street Address:	10200	10200 S. DE ANZA BLVD.			
City:	CUPE	CUPERTINO			
State/Country:	CALIF	ORNIA	4		
Postal Code:	95014				
Application Number:		14734	4235		
PROPERTY NUMBERS Total: 1 Property Type			Number]	
CORRESPONDENCE	E DATA				
Fax Number:		• •	204-5669		
			e-mail address first; if that is un hat is unsuccessful, it will be sei		
			204-5666		
			et@holzeriplaw.com		
Correspondent Name: HO					
Correspondent Name	e:	HOLZ	ZERIPLAW, PC		
Correspondent Name Address Line 1:	e:		ZERIPLAW, PC 6TH STREET		
•	e:	216 1	·		
Address Line 1:	e:	216 1 Suite	6TH STREET		
Address Line 1: Address Line 2: Address Line 4:		216 1 SUITE DENV	6TH STREET E 1350		
Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET	NUMBER	216 1 SUITE DENV	6TH STREET E 1350 /ER, COLORADO 80202		
Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET	NUMBER	216 1 SUITE DENV	6TH STREET E 1350 /ER, COLORADO 80202 STL 070789.00		
Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTEI SIGNATURE:	NUMBER	216 1 SUITE DENV	6TH STREET E 1350 /ER, COLORADO 80202 STL 070789.00 SOLANGE REOCH		
Address Line 1: Address Line 2:	NUMBER	216 1 SUITE DENV	6TH STREET E 1350 /ER, COLORADO 80202 STL 070789.00 SOLANGE REOCH /Solange Reoch/	n/Declaration (37 CFR 1.63).	
Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTEI SIGNATURE: DATE SIGNED:	NUMBER	216 1 SUITE DENV	6TH STREET E 1350 /ER, COLORADO 80202 STL 070789.00 SOLANGE REOCH /Solange Reoch/ 06/09/2015	n/Declaration (37 CFR 1.63).	
Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTEI SIGNATURE: DATE SIGNED: Total Attachments: 4	NUMBER:	216 1 SUITE DENV	6TH STREET E 1350 /ER, COLORADO 80202 STL 070789.00 SOLANGE REOCH /Solange Reoch/ 06/09/2015	n/Declaration (37 CFR 1.63).	

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COMBINED ASSIGNMENT-DECLARATION

Seagate Docket No. : 070789.01

WHEREAS, Wenzhong Zhu of Apple Valley, MN, Kaizhong Gao of North Oaks, MN and Edward Gage of Lakeville, MN is/are the inventor(s) of an invention entitled <u>Heat Assisted Magnetic Recording for Bit-Patterned Media</u> 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. <u>62/138,598</u> filed on <u>26 March 2015</u>;

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 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-in-part 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.

 $\mathcal{N}_{i}^{\mathbf{k}}\mathcal{N}$

Rev: 10/18/2012

PATENT REEL: 035808 FRAME: 0533

E.m. 3 Wenzhong Zhu (Inventor) 3/23/15 Date

Rev: 10/18/2012

PATENT REEL: 035808 FRAME: 0534

Kaizhong Gao (Inventor) 3/23/15

PATENT REEL: 035808 FRAME: 0535

EN CA. Edward Gage (Inventor) 4/1/ 2015 Date

U.S. Assignment - Seagate Technology LLC - Confidential

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Rev: 10/18/2012

PATENT REEL: 035808 FRAME: 0536

RECORDED: 06/09/2015