

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PIN-WEI HUANG	03/21/2017
YINFENG DING	03/22/2017
YINGGUO PENG	03/21/2017
XIAOBIN ZHU	03/21/2017
KAI-CHIEH CHANG	03/21/2017
YUKIKO KUBOTA	03/21/2017
TIMOTHY J. KLEMMER	03/21/2017
QIHONG WU	03/21/2017
GANPING JU	03/21/2017
JAN-ULRICH THIELE	03/21/2017
FLORIN ZAVALICHE	03/21/2017
RECEIVING PARTY DATA	
Name:	SEAGATE TECHNOLOGY LLC
Street Address:	10200 S. DE ANZA BLVD.
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15466798
CORRESPONDENCE DATA	
Fax Number:	(650)847-4151
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	650 847 4150
Email:	idocketing@duanemorris.com
Correspondent Name:	DUANE MORRIS LLP (10/11) SEAGATE IP DOCK
Address Line 1:	2475 HANOVER STREET
Address Line 4:	PALO ALTO, CALIFORNIA 94304-1194

ATTORNEY DOCKET NUMBER:	R2463-00856
NAME OF SUBMITTER:	AMIR A. TABARROK
SIGNATURE:	/Amir A. Tabarrok/
DATE SIGNED:	03/22/2017
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COMBINED ASSIGNMENT-DECLARATION

Attorney Docket No. : R2463-00856
Seagate Docket No. : STL 072879.00

WHEREAS, Pin-Wei HUANG of Fremont, California, YinFeng DING of Fremont, California, Yingguo PENG of San Ramon, California, Xiaobin ZHU of San Ramon, California, Kai-Chieh CHANG of Pleasanton, California, Yukiko KUBOTA of Campbell, California, Timothy J. KLEMMER of Union City, California, Qihong WU of Dublin, California, Ganping JU of Pleasanton, California, Jan-Ulrich THIELE of Sunnyvale, California, and Florin ZAVALICHE of San Ramon, California are the inventor(s) of an invention entitled HEAT ASSISTED MAGNETIC RECORDING (HAMR) MEDIA WITH THERMAL EXCHANGE CONTROL LAYER 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 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.

Pin-Wei Huang
Pin-Wei HUANG (Inventor)
3/21/2017
Date

YinFeng DING
YinFeng DING (Inventor)
3/22/2017
Date

Yingguo PENG
Yingguo PENG (Inventor)
3/21/2017
Date

Xiaobin ZHU
Xiaobin ZHU (Inventor)
3/21/2017
Date

Kai-Chieh CHANG
Kai-Chieh CHANG (Inventor)
3/21/2017
Date

Yukiko KUBOTA
Yukiko KUBOTA (Inventor)
3/21/2017
Date

Timothy J. KLEMMER
Timothy J. KLEMMER (Inventor)
3/21/2017
Date

Qihong WU
Qihong WU (Inventor)
3/21/2017
Date

Ganping JU
Ganping JU (Inventor)
3/21/17
Date

Jan-Ulrich THIELE
Jan-Ulrich THIELE (Inventor)
3/21/2017
Date

Florin ZAVALICHE
Florin ZAVALICHE (Inventor)
3/21/2017
Date