505243048 12/18/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIBIN CAI	12/13/2018
JIAN QIANG	12/18/2018
KANG HAI LIM	12/12/2018
CHOON WEI NG	12/14/2018

RECEIVING PARTY DATA

Name:	SEAGATE TECHNOLOGY LLC	
Street Address:	Address: 10200 S. DE ANZA BLVD.	
City:	CUPERTINO	
State/Country:	CALIFORNIA	
Postal Code:	95014	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16224185	

CORRESPONDENCE DATA

Fax Number: (612)334-3312

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.

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ATTORNEY DOCKET NUMBER: \$001.1663US1/073858.00US		
NAME OF SUBMITTER:	ALAN G. REGO	
SIGNATURE:	/Alan G. Rego/	
DATE SIGNED:	12/18/2018	

Total Attachments: 2

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PATENT 505243048 REEL: 047809 FRAME: 0216

COMBINED ASSIGNMENT-DECLARATION

Seagate Docket No.: 073858

Sing	EREAS, LiBin CAI of Singapore, SINGAPORE; Jian QIANG of Singapore, gapore, SINGAPORE; and Choon Wei NG of Singapore, SINGAPORE are GERANGE DEFECT ALLOCATION SYSTEM AND METHOD that is the	the inventor(s) of an invention entitled
αρρ	y)	
	a provisional application for Letters Patent which is identifiable in the United by Application No filed on	;
\boxtimes	an application for Letters Patent which is identifiable in the United States P	atent and Trademark Office by
	Application No. 16/224,185 filed on 18 December 2018	and/or executed on even date
	herewith: and	
	an international application for Letters Patent filed pursuant to the Patent C	conneration Treaty which is
	identifiable in the United States Receiving Office by Application No.	
		illed 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.

PATENT REEL: 047809 FRAME: 0217

Rev: 10/18/2012

Canto
LiBin CAI (Inventor)
LiBin CAI (Inventor)
Date
hh
Jian QIANG (Inventor) 18/12/2018
Date
Kang Hai LIM (Inventor) Date
for.

Choon Wei NG (Inventor) 14/12/2013

U.S. Assignment - Seagate Technology LLC - Confidential

RECORDED: 12/18/2018

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Rev: 10/18/2012