505257598 12/31/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

TYPE: NEW ASSIGNMENT

EPAS ID: PAT5304370

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHEA PHANN	08/15/2016
RICKY RAY ANDERSON	08/16/2016
KEVIN LAMBERT MAYER	08/10/2016
MIHAELA RUXANDRA BAURCEANU	08/10/2016
ANDREW DAVID HABERMAS	08/15/2016
RAYMOND LEROY MOUDRY	08/16/2016
JOEL WILLIAM HOEHN	08/10/2016

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:	15198566

CORRESPONDENCE DATA

Fax Number: (651)351-2954

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.

Phone: 651 351 2900

Email: blichtscheidl@kaganbinder.com

Correspondent Name: SEAGATE/KAGAN BINDER, PLLC MAPLE ISLAND

Address Line 1: 221 MAIN STREET NORTH

Address Line 2: SUITE 200

Address Line 4: STILLWATER, MINNESOTA 55082

ATTORNEY DOCKET NUMBER:	STL 072153.00 US (STL0072
NAME OF SUBMITTER:	BETHANY LICHTSCHEIDL
SIGNATURE:	/Bethany Lichtscheidl/
DATE SIGNED:	12/31/2018

505257598 REEL: 047876 FRAME: 0528

PAIENI

Total Attachments: 2

 $source=STL0072US_Combined_Assignment_and_Declaration\#page1.tif\\ source=STL0072US_Combined_Assignment_and_Declaration\#page2.tif\\$

PATENT REEL: 047876 FRAME: 0529

COMBINED ASSIGNMENT-DECLARATION

Seagate Docket No. :STL 072153.00 US STL0072/US

WHEREAS, Chea Phann of 652 Falcon Ridge Rd, Woodbury, MN 55125, Ricky Ray Anderson of 3718 Baillif Place Bloomington MN 55431, Kevin Lambert Mayer of 12788 Ethelton Way, Apple Valley, MN 55124, Mihaela Ruxandra Baurceanu of 6308 Vernon Ave S, Edina, MN 55436, Andrew David Habermas of 7349 Bush Lake Drive, Bloomington, MN 55438, Raymond Leroy Moudry of 9425 Yukon Ave S, Bicomington, MN 55438 and Joel William Hoehn of 650 Hillary Farm Rd., Hudson, WI 54016 is/are the inventor(s) of an invention entitled BARRIER DEVICE USED IN THE MANUFACTURE OF A LAPPING PLATE, AND RELATED APPARATUSES AND METHODS OF MAKING that is the subject matter of: (check all that apply)

£3	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. 15/198,566 filed on June 30, 2016 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 Nofiled 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, Cuperlino, 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 Petent, 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, ittigation 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.

U.S. Assignment - Seagate Technology LLC - Confidential

Rev: 10/18/2012

Chea Phann (Inventor)
Chea Phann (Inventor) 8/15/16 Date
Gill Mour
Ricky Ray Anderson (Inventor)
8-16-16 0000
Aint May
Kevin Lambert Mayer / (Inventor) Oate
rusta.
学ないなる。 Minaela Ruxandra Bau/ceanu (Inventor)
<u>210116</u>
/ Madri Haire delennon
Andrew David Mabermas Vidventor)
7/15/2016 Date
Baymon Steery Mouly
kaymona Leroy Moudry (Inventor)
08/16/0016 C
MIN MA
Joel William Hoehn (Inventor)
0at/10/16

#108720