## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3471836

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JEFFREY R. O'KONSKI	10/09/2013
GARRICK F. SHURTS	10/01/2013
GREG A. SCHMITZ	10/08/2013
GREGORY P. SHAFFER (DECEASED)/LEGAL REPRESENTATIVE NICOLA J. SHAFFER	05/09/2013

#### **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:	14053071		

### **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: 651/275-2900

Email: blindblom@kaganbinder.com KAGAN BINDER, PLLC **Correspondent Name:** 

SUITE 200, MAPLE ISLAND BUILDING Address Line 1:

Address Line 2: 221 MAIN STREET NORTH

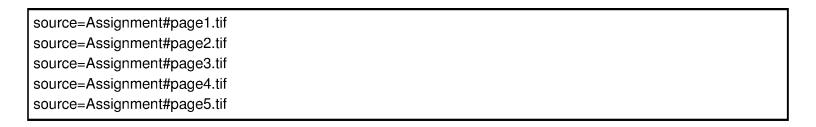
Address Line 4: STILLWATER, MINNESOTA 55082

ATTORNEY DOCKET NUMBER:	STL17477.00 (STL0027/US)
NAME OF SUBMITTER:	BETH M. LINDBLOM
SIGNATURE:	/Beth M. Lindblom/
DATE SIGNED:	08/06/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 5** 

**PATENT** REEL: 036264 FRAME: 0498

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PATENT REEL: 036264 FRAME: 0499

#### **DECLARATION AND ASSIGNMENT**

ao36 Windsor Court
Savage MN
55378

Seagate Docket No. : 17477.00 US Kagan Binder Docket No. STL0027/US

WHEREAS, We, JEFFREY R. O'KONSKI, of 13280 Glendale Lane, Savage, Minnesota 55378; GARRICK F. SHURTS, of <del>2720 Dana Drive, Burnsville</del>, Minnesota 55337; GREG A. SCHMITZ, of 6622 338<sup>th</sup> Avenue NW, Princeton, Minnesota 55371; and GREG SHAFFER, are the inventors of an invention entitled <u>TRIGGER READER ELECTRONIC LAPPING GUIDE</u> that is the subject matter of: (check all that apply)

	a provisional application for Le	tters Patent which is identifiable in	the United States Patent and Trademark Office
	by Application No.	filed on	:
$\boxtimes$	an application for Letters Pater	nt 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 N	ofiled on
		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 filling date of the prior application and the national or PCT international filling date of the continuation-in-part application.

U.S. Assignment - Seagate Technology LLC

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Rev: 10/18/2012

PATENT REEL: 036264 FRAME: 0500

10/9/2013
State of Minnesota)  Date   State of Minnesota
County of Hennepin)
on <u>at 9,2013</u> before me, <u>Melissa Eichten</u> Wotary (insert name and title of the officer)
personally appeared <u>CFKONSKi</u> (Inventor), who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of Minnesota that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.  MELISSA A EICHTEN
Signature Of Notary Public (Seal)
GARRICK F. SHURTS (Inventor)  10-1-13  Date
State of Minnesota)
County of Hennepin)
On Oct 1, 2013 before me, Melissa Eichten Notary (insert name and title of the officer)
personally appeared <u>Garrick F. Shurts</u> (Inventor), who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of Minnesota that the foregoing paragraph is true and

U.S. Assignment - Seagate Technology LLC

WITNESS my hand and official seal.

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Rev: 10/18/2012

GF	REGA SCHMITZ (Inventor)			
	10/8/2013			
State of Minnesota)	Date			
,				
County of Hennepin)	X			
On $\frac{VCF \ \theta, \ 2013}{}$ before me, $\frac{VIEI(SS)}{}$	a Eichten, Notary  name and title of the officer)			
On Oct 8, 2013 before me, Meliss, (insert personally appeared Arca A. Sumitz basis of satisfactory evidence to be the person whose name is subthat he/she executed the same in his/her authorized capacity, and the entity upon behalf of which the person acted, executed the instructions.	(Inventor), who proved to me on the scribed to the within instrument and acknowledged to me that by his/her signature on the instrument the person, or trument.			
I certify under PENALTY OF PERJURY under the laws of the State correct.	e of Minnesota that the foregoing paragraph is true and			
WITNESS my hand and official seal.				
Signature MEU Sta Eduktu (Seal) Signature of Notary Public	MELISSA A EICHTEN NOTARY PUBLIC - MINNESOTA MY COMMISSION EXPIRES 01/31/17			
•				
GR	EG SHAFFER (Inventor)			
State of Minnesota)	Date			
County of Hennepin)				
On before me,				
(insert	name and title of the officer)			
personally appeared(Inventor), who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.				
I certify under PENALTY OF PERJURY under the laws of the State of Minnesota that the foregoing paragraph is true and correct.				
WITNESS my hand and official seal.				
Signature (Seal) Signature of Notary Public				

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Rev: 10/18/2012

Doc code: Oath

Document Description: Oath or declaration filed

PTO/AIA/02 (06-12)

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# SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)

Title of Invention					
This stateme	ent is directed to:				
The att	ached application,				
OR					
United :	States application or PCT international	application number		filed on _	
	ME of inventor to whom this sub		es:		
Grego	Name (first and middle (if any)) and Fary P. Shaffer				
Residence (	except for a deceased or legally incapa	citated inventor):			
City		State	Cour	ntry	
Mailing Addre	ss (except for a deceased or legally incaped	citated inventor):			
City		State		Zip	Country
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.					
The above-	dentified application was made or auth	orized to be made by me.			:
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.					
Relationship to the inventor to whom this substitute statement applies:					
Legal Representative (for deceased or legally incapacitated inventor only),					
A	Assignee,				
Person to whom the inventor is under an obligation to assign,					
Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or					
J. [_] J.	Joint Inventor.				

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.83. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Palent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# **SUBSTITUTE STATEMENT**

Circums	tances permitting execution of this substi	tute statement:				
	Inventor is deceased,					
	Inventor is under legal incapacity,					
	Inventor cannot be found or reached after	er diligent effort, or				
	Inventor has refused to execute the oath	or declaration under 37 CF	R 1.63.			
if there	are joint inventors, please check the appr	opriate box below:				
	An application data sheet under 37 CFR or is currently submitted.	1.76 (PTO/AIA/14 or equiv	alent) naming the entire	inventive entity has been		
OR						
	An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).					
		WARNING:				
contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.  PERSON EXECUTING THIS SUBSTITUTE STATEMENT:						
Name:	licola J. Shaffer	en .		5 / 9 / 13 Date (Optional):		
Signature: Shaffer Residence (unless provided in an application data sheet, PTO/AIA/14 or equivalent):						
Oity	semount	State MN	Country US			
Mailing Address (unless provided in an application data sheet, PTO/AIA/14 or equivalent) 14107 Cobbler Avenue						
city Ro	osemount	State MN	<sub>Zip</sub> 55068	Country US		
Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.						

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**RECORDED: 08/06/2015**