

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Andy Chou</td> <td>06/12/2013</td> </tr> <tr> <td>Quan Li</td> <td>06/12/2013</td> </tr> <tr> <td>Chee Wee Cheng</td> <td>06/12/2013</td> </tr> <tr> <td>Beng Theam Ko</td> <td>06/12/2013</td> </tr> <tr> <td>Myint Ngwe</td> <td>06/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Andy Chou	06/12/2013	Quan Li	06/12/2013	Chee Wee Cheng	06/12/2013	Beng Theam Ko	06/12/2013	Myint Ngwe	06/12/2013
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>SEAGATE TECHNOLOGY LLC</td> </tr> <tr> <td>Street Address:</td> <td>10200 S. DeAnza Boulevard</td> </tr> <tr> <td>City:</td> <td>Cupertino</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95014</td> </tr> </table>		Name:	SEAGATE TECHNOLOGY LLC	Street Address:	10200 S. DeAnza Boulevard	City:	Cupertino	State/Country:	CALIFORNIA	Postal Code:	95014		
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CORRESPONDENCE DATA													
<p>Fax Number: 6123051228 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 612.305.1006 Email: dlagro@mrgiplaw.com Correspondent Name: Jay R. Pralle Address Line 1: 111 Third Avenue South Address Line 2: Suite 350 Address Line 4: Minneapolis, MINNESOTA 55401</p>													
ATTORNEY DOCKET NUMBER:	430.17230010												
NAME OF SUBMITTER:	Jay R. Pralle												

Signature:	/Jay R. Pralle/
Date:	06/17/2013
Total Attachments: 6 source=20130617135403381#page1.tif source=20130617135403381#page2.tif source=20130617135403381#page3.tif source=20130617135403381#page4.tif source=20130617135403381#page5.tif source=20130617135403381#page6.tif	

ASSIGNMENT/DECLARATION

Seagate Docket No. : STL 17230.00 US

WHEREAS, **Andy Chou** of Block 288D, #05-418, Jurong East St 21, Singapore 604288; **Quan Li** of Blk 107 Bishan St 12, #07-202, Singapore 570107; **Chee Wee Cheng** of Blk 4B Boon Tiong Road, #12-29, Singapore 165004; **Beng Theam Ko** of Blk 6 Alexandra View, #11-02, Singapore 158746 and **Myint Ngwe** of Blk 84 Corporation Road, #09-07, Singapore 649821 is/are the inventor(s) of an invention entitled IN SITU SENSOR BASED CONTACT DETECTION 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. 13/919207 filed on JUNE 17 2013 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.

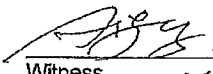
The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 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.



Andy Choo (Inventor)

12 June 2013
Date

Subscribed and sworn to before me at 63, The Fleming, Science Park Drive, Singapore Science Park, S118249
, a witness, this 12th day of June, 2013.

 12 June 2013
Witness FENG AIGANG

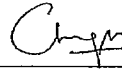
Li L.

Quan Li (Inventor)

12, June, 2013
Date

Subscribed and sworn to before me at 63, The Fleming, Science Park Drive, Singapore Science Park, S118249
, a witness, this 12th day of June, 2013.

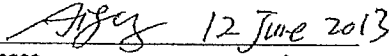
Feng 12 June 2013
Witness FENG AIGANG



Chee Wee Cheng (Inventor)

12th June 2013
Date

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, a witness, this 12th day of June, 2013.

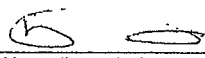

Witness FENG AIGANG

Beng Theam Ko
Beng Theam Ko (Inventor)

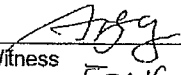
12 June 2013
Date

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Aigang Feng 12 June 2013
Witness FENG AIGANG


Myint Ngwe (Inventor)
12 June 13
Date

Subscribed and sworn to before me at 63, The Fleming, Science Park Drive, Singapore Science Park, S118249
, a witness, this 12th day of June, 2013.


Witness
FENG AIZANG
12 June 2013