PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Edmun ChianSong Seng	01/05/2007
UttHeng Kan	01/05/2007
AC Lim	01/05/2007
Det Hua Wu	01/05/2007
Lin Nah Lim	01/05/2007
Stanton M. Keeler	02/27/2007
Curtis M. Pleiss	02/27/2007

RECEIVING PARTY DATA

Name:	Seagate Technology LLC
Street Address:	920 Disc Drive
City:	Scotts Valley
State/Country:	CALIFORNIA
Postal Code:	95066

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11615297

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: S01.12-1154

PATENT REEL: 019043 FRAME: 0222

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NAME OF SUBMITTER:	Leanne R. Taveggia
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PATENT REEL: 019043 FRAME: 0223

ASSIGNMENT

Attorney Docket No. : S01.12-1154 Seagate Docket No. : STL 13138

WHEREAS, we, Edmun ChianSong Seng of 112C, Faber Drive, Singapore, Singapore 129425; UttHeng Kan of 85, Cashew Road, Cashew Height, #03-04, Singapore, Singapore 679656; AC Lim of Block 117, #12-73, Clementi Street 13, Singapore, Si

	a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office
	by Application No;
\boxtimes	an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by
	Application No. 11/615,297 filed on December 22, 2006, S01.12-1154/STL 13138, 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

WHEREAS, Seagate Technology LLC, a Delaware limited liability company corporation, and having offices at 920 Disc Drive, Scotts Valley, California, 95066 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, we transfer to Assignee, its successors and assigns, our 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 we 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.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. We 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.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our 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.

Signature of Inventor	Signature of Witness
Date: 5th January, 2007	Date: Sth Jan 2007
Edmun ChianSong Seng Printed Name of Inventor	Printed Name of Witness
Residence of Inventor:	Residence of Witness:
112C, Faber Drive	103, CLEMENTI ST 14
Singapore, Singapore 129425	SINGAPORE 120103
Signature of Inventor Date: 5th JAN 2007 UttHeng Kan	Signature of Witness Date:
Printed Name of Inventor	Printed Name of Witness
Residence of Inventor: 85, Cashew Road, Cashew Height, #03-04	Residence of Witness: 90A Paya Lebar
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Singaporo, omigaporo o 7 0000	Crescent. SINGAPORE 534384
Jan P	helit
Signature of Inventor	Signature of Witness V
Date : 5th JAH 2007	Date: 5 2 Jan 2007
AC Lim Printed Name of Inventor	Dames Charg Lai Kein Printed Name of Witness 0
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White-	otland
Signature of Inventor	Signature of Witness
Date : 05 Jan 2007	Date: <u>05 Jan '07</u>
Det Hau Wu	TANG KAY HEE
Printed Name of Inventor	Printed Name of Witness
Residence of Inventor:	Residence of Witness:
#01-171, Block 445, Clementi Avenue 3	BIK 122, KIM TIAN RD
Singapore, Singapore 120445	BIK 122, KIM TIAN RD #22-80, S(160122)
X To The State of	10 MG
Signature of Inventor	Signature of Witness
Date: OS Jan 2007	Date : <u>05 Jan 3007</u>
Lin Nah Lim	TOH HONG GEOK
Printed Name of Inventor	Printed Name of Witness
Residence of Inventor:	Residence of Witness:
Block 22, Boon Keng Road, #07-35	BLK 315C , #07-176, ANCHORVALE RD
Singapore, Singapore 330022	SINGAPORE 543315.

IN TESTIMONY WHEREOF, I have horeunic set my hand this 2007.
Stanton M Kools
Stanton M. Keeler
STATE OF COLORADO)
) \$8: - COUNTY OF <u>ASA</u>)
On this A 17 day of 1/2/1/3/1 20/12 before me personally appeared 1/2/3/1/3/1/3/1/3/1/3/1/4/3/1/4/3/1/4/3/1/4/3/1/4/3/1/4/3/1/4/3/1/4/3/1/4/3/1/4/3/4/3
Zeina Gittlein, Notary Public
State of Colorado うんたい こうんん こうしゅう
My Commission Expires 12/2/2009
IN TESTIMONY WHEREOF, I have herounto set my hand this 27 day of
STATE OF COLORADO)
SS: COUNTY OF (ARABA)
On this \$\frac{11\text{\text{day}} of \frac{1}{\text{\text{supply}}} 20\frac{1}{\text{\text{forcome personally appeared}} \frac{1}{\text{\text{\text{supply}}} \frac{1}{\text{\text{\text{supply}}}} to mo knowledged to me that height executed the same for the uses and outposes herein set lonth.
Notary Public Pu
$\mathcal{Z} = -i \kappa f \delta + k f \epsilon$
Zeina Gittlem, Notary Public State of Colorado My Commission Expires 12/2/2009

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PATENT REEL: 019043 FRAME: 0227

RECORDED: 03/21/2007