PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yiran Chen	07/13/2009
Hai Li	07/13/2009
Wenzhong Zhu	07/09/2009
Xiaobin Wang	07/09/2009
Yuan Yan	07/13/2009
Harry Hongyue Liu	07/13/2009

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12502191	

CORRESPONDENCE DATA

Fax Number: (405)232-9659

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 405 232 0621

Email: rmccarthy@fellerssnider.com

Correspondent Name: Fellers, Snider, et al.

Address Line 1: 100 North Broadway, Suite 1700

Address Line 4: Oklahoma City, OKLAHOMA 73102-8820

ATTORNEY DOCKET NUMBER: STL14896

NAME OF SUBMITTER: Randall K. McCarthy

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Total Attachments: 4

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> PATENT REEL: 023118 FRAME: 0261

ASSIGNMENT

Seagate Docket No. STL14896

WHEREAS, I/we, Yiran Chen of 10124 Phaeton Drive, Eden Prairie, MN 55347, Hai Li of 10124 Phaeton Drive, Eden Prairie, MN 55347, Wenzhong Zhu of 13073 Elderberry Court, Apple Valley, MN 55124, Xiaobin Wang of 180 Bluff Ridge Court, Chanhassen, MN 55317, Yuan Yan of 5712 Continental Drive, Edina, MN 55436 and Harry Hongyue Llu of 18540 65th Avenue N, Maple Grove, MN 55311 am/are the inventor(s) of an invention entitled VOLTAGE REFERENCE GENERATION WITH SELECTABLE DUMMY REGIONS 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. 61/104,390 filed October 10, 2008;
- an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No.
 filed 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. and filed on; and

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 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, I/we 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 for 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, reexamination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and I/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.

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

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

Yiran Chen (Inventor)

Subscribed and sworn to before me at _

at <u>Henne ON</u> (city or county and state

My a Notary Public, this

3 day of

(Seal)

RUTH C. ZIBLE

Notary Public-Minnesota

Office Compiles Confered San 91, 2010

Notary Public

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Rev. January 10, 2001

REEL: 023118 FRAME: 0262

	Hai Li (Inventor)
Subscribed and sworn to before me at	11 - 1 11 1-4h
(S at SUTH C. ZiBBLE Notary Public-Minnesota My Commission Expires Jan 31, 2010	Notary Public Shall
Subscribed and sworn to before me at	(city or county and state)
RUTH C. ZIBBLE Notary Public-Minnesota My Commission Expires Jan 31, 2010	Xiaobin Wang (Inventor)
Subscribed and sworn to before me at	Henne Din (o. Ma Notary Public, this 4 day of (city or county and state)
(Seal RUTH C. ZIBBLE Notary Public-Minnesota My Commission Expires Jen 31, 2010	Notary Public Notary Public
Subscribed and sworn to before me at, 20	Yuan Yan (Inventor), a Notary Public, this day of (city or county and state)
(Seal)	Notary Public

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U.S. Assignment Seagate Technology LLC

REEL: 023118 FRAME: 0263

Rev. January 10, 2001

	Hai Li (Inventor)	
Subscribed and sworn to before me at(ci	ity or county and state)	, a Notary Public, this day o
(Seal)	Notary Public	·
	Wenzhong Zhu (In	ventor)
Subscribed and sworn to before me at(ci	ty or county and state)	_, a Notary Public, this day of
(Seal)	Notary Public	
	Xiaobin Wang (Inve	entor)
Subscribed and sworn to before me at(cit	y or county and state)	_, a Notary Public, this day of
(Seal)	Notary Public Yuan Yan (Inventor	- L
Subscribed and sworn to before me at (city	n JOSE, CA y or county and state)	, a Notary Public, this <u>J 3</u> day of
SUSANA VASQUEZ Commission # 1668048	Augura Notary Public	Vasque

U.S. Assignment Seagate Technology LLC

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Rev. January 10, 2001

Harry Hongyue Liu (Inventor)

Subscribed and sworn to before me at Blommaton, M. a Notary Public, this day of (city or county and state)

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Teresa Marie Toldsteen Notary Public

TERESA MARIE FELDSTEIN Notary Public Minnesote nmission Expires January 31, 2011

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Rev. January 10, 2001