

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kristy A. Campbell	04/09/2009
RECEIVING PARTY DATA	
Name:	Boise State University
Street Address:	1910 University Drive
City:	Boise
State/Country:	IDAHO
Postal Code:	83725
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13085265
CORRESPONDENCE DATA	
Fax Number:	(208)562-4901
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	208-562-4900
Email:	uspto@zmjlaw.com
Correspondent Name:	Zarian Midgley & Johnson PLLC
Address Line 1:	University Plaza, 960 Broadway Ave., Sui
Address Line 4:	Boise, IDAHO 83706
ATTORNEY DOCKET NUMBER:	BSTU.009DIV1
NAME OF SUBMITTER:	Peter M. Midgley
Total Attachments: 2 source=003_BSTU009DIV1_Assignment_Copy#page1.tif source=003_BSTU009DIV1_Assignment_Copy#page2.tif	

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PATENT
REEL: 026111 FRAME: 0263

ASSIGNMENT OF INVENTION, PATENT APPLICATION(S) AND/OR PATENTS

The undersigned, Kristy A. Campbell, in consideration of good and valuable consideration paid to the undersigned, agree to assign, and hereby do assign, transfer and set over to Boise State University, a body corporate and politic of the State of Idaho, whose address is 1910 University Drive, Boise, Idaho, 83725 (hereinafter designated as the Assignee), the entire right, title and interest in and to the invention known as **"Forced Ion Migration for Chalcogenide Phase Change Memory Device,"** for which a provisional application has been filed in the United States Patent and Trademark Office on **October 19, 2006** and given Serial No. **60/853,068**, a non-provisional application has been filed on **October 19, 2007** and given Serial No. **11/875,805**, and a PCT application has been filed on **October 19, 2007** and given Serial No. **PCT/US2007/082025**, which patent application(s)/patent(s) are also hereby assigned, transferred, and set over to Assignee. I also agree to assign any and all U.S. non-provisional applications, PCT applications, and National Phase applications claiming priority of the above provisional application. I hereby give the office of Pedersen & Company, PLLC permission to fill in the filing dates and the serial numbers, when known, of said U.S. non-provisional applications, PCT applications, and National Phase applications:

1) I agree to execute all papers necessary or convenient in connection with each application to protect the invention, and any continuation, continuation-in-part, or divisional applications thereof, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) I agree to execute all papers necessary or convenient in connection with any interference which may be declared concerning any application relating to the invention, or any continuation, continuation-in-part, or division thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with any such interference.

3) I agree to execute all papers and documents and perform any act which may be necessary or convenient in connection with claims or provisions of foreign patent offices, including those operating under the Patent Cooperation Treaty (PCT), International Convention for Protection of Industrial Property, or similar treaties or agreements.

4) I agree to perform all affirmative acts which may be necessary or convenient to obtain grants of valid patents to the Assignee relating to the invention.

5) I hereby authorize and request the Commissioner of Patents and Trademarks, and all equivalent foreign patent office officials, to issue any and all Letters Patents resulting from said applications or any continuation, continuation-in-part, or divisional applications thereof, to the said Assignee, as Assignee of the entire interest, and hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

6) I hereby grant the Assignee and its duly authorized representatives the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office, and any equivalent foreign patent office, for recordation of this document.

NOW THEREFORE, Assignor hereby forever transfers and assigns unto Assignee all right, title, and interest, in and to the subject invention(s); the same to be held and enjoyed by Assignee, its heirs, successors, assigns, and legal representatives, as completely as if the inventions would have been held by Assignor had this assignment not been made, including the right to sue for past infringements.

Date 4/9/09 Signature of Inventor Kristy A. Campbell
KRISTY A. CAMPBELL

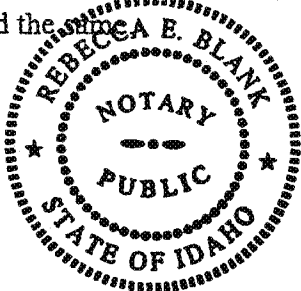
State of Idaho)

S. S.

County of Ada)

On this 9th day of April, in the year of 2009, before me _____
Rebecca Blank personally appeared Kristy A. Campbell, known or identified to me, to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same.

S
E
A
L



Notary Public Rebecca E. Blank

My Commission Expires On April 16, 2013

Date _____ Signature of Spouse _____
(as to community property interest only)

State of Idaho)

S. S.

County of _____)

On this _____ day of _____, in the year of 200__, before me _____
_____, personally appeared _____, known or identified to me, to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same.

S
E
A
L

Notary Public

My Commission Expires On