

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2637943

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>CHAD S. WATSON</td> <td>11/25/2013</td> </tr> <tr> <td>WILLIAM B. KNOWLTON</td> <td>11/25/2013</td> </tr> <tr> <td>PETER MULLNER</td> <td>11/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	CHAD S. WATSON	11/25/2013	WILLIAM B. KNOWLTON	11/25/2013	PETER MULLNER	11/21/2013
Name	Execution Date								
CHAD S. WATSON	11/25/2013								
WILLIAM B. KNOWLTON	11/25/2013								
PETER MULLNER	11/21/2013								
RECEIVING PARTY DATA									
Name:	BOISE STATE UNIVERSITY								
Street Address:	1910 UNIVERSITY DRIVE								
Internal Address:	BUSINESS BUILDING, ROOM 319								
City:	BOISE								
State/Country:	IDAHO								
Postal Code:	83725								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13424122</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13424122				
Property Type	Number								
Application Number:	13424122								
CORRESPONDENCE DATA									
Fax Number:	(208)562-4901								
Phone:	(208) 562-4900								
Email:	uspto@parsonsbehle.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	PARSONS BEHLE & LATIMER								
Address Line 1:	UNIVERSITY PLAZA								
Address Line 2:	960 BROADWAY, SUITE 250								
Address Line 4:	BOISE, IDAHO 83706								
ATTORNEY DOCKET NUMBER:	19975.015US01								
NAME OF SUBMITTER:	PETER M. MIDGLEY								

OP \$40.00 13424122

Signature:	/Peter M. Midgley/
Date:	12/05/2013
Total Attachments: 3 source=_19975-015US01_assignment_fully_signed_2013#page1.tif source=_19975-015US01_assignment_fully_signed_2013#page2.tif source=_19975-015US01_assignment_fully_signed_2013#page3.tif	

ASSIGNMENT

WHEREAS, Chad S. Watson, residing at Boise, Idaho, William B. Knowlton, residing at Boise, Idaho and Peter Müllner, residing at Boise, Idaho, (hereinafter "Assignors") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled DATA STORAGE METHODS AND DEVICES for which Assignors are making or have made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignors concurrently herewith;

WHEREAS, BOISE STATE UNIVERSITY, an Idaho institution of higher learning, having an address of 1910 University Drive, Business Building, Room 319, Boise, Idaho 83725 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any United States or foreign LETTERS PATENT that may be granted therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have assigned, sold and transferred, and do assign, sell and transfer to the Assignee, its successors and assigns, the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the Invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation-in-part applications and extensions of any of the applications for patent or LETTERS PATENT identified herein, including all applications claiming the priority of said applications for patent or LETTERS PATENT identified herein, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignors by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made. Assignors request and authorize the Commissioner of the U.S. Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective LETTERS PATENT in the United States and foreign countries when granted, in accordance with this assignment.

Assignors further covenant and agree with the Assignee that Assignors have a full and unencumbered title to the Invention, which title Assignors warrants to the Assignee. Assignors further agrees that Assignors will, without demanding any further consideration therefor, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining,

extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have signed this Assignment on the date specified below.

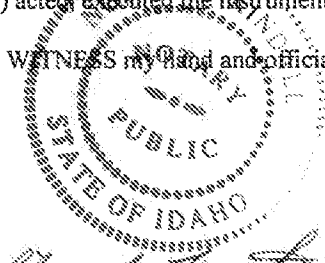
[Signature] 11/25/13
Chad S. Watson Date

STATE OF Idaho]
COUNTY OF Ada] ss.

On November 25, 2013, before me, Chad S. Watson, personally appeared Chad S. Watson personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



[Signature]
Notary Signature

[Signature] 11/25/13
William B. Knowlton Date

STATE OF Idaho]
COUNTY OF Ada] ss.

On November 25, 2013, before me, William B. Knowlton, personally appeared William B. Knowlton personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



[Signature]
Notary Signature

Peter Müller

11/21/2013

Peter Müller

Date

STATE OF

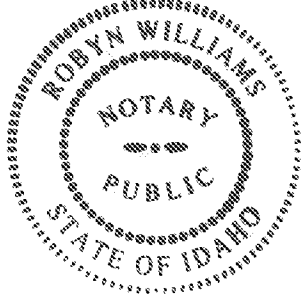
COUNTY OF

} ss.

On 11-21-13, before me, Robyn Williams, personally appeared Peter Müller personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Robyn Williams
Notary Signature