

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Gregory L. Wade</td> <td>04/26/2012</td> </tr> <tr> <td>J. Mitchell Haile</td> <td>03/18/2012</td> </tr> <tr> <td>Bill Kan</td> <td>04/30/2012</td> </tr> <tr> <td>Barry Herman</td> <td>04/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Gregory L. Wade	04/26/2012	J. Mitchell Haile	03/18/2012	Bill Kan	04/30/2012	Barry Herman	04/24/2012
Name	Execution Date										
Gregory L. Wade	04/26/2012										
J. Mitchell Haile	03/18/2012										
Bill Kan	04/30/2012										
Barry Herman	04/24/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Quantum Corporation</td> </tr> <tr> <td>Street Address:</td> <td>P.O. Box 97057</td> </tr> <tr> <td>City:</td> <td>Redmond</td> </tr> <tr> <td>State/Country:</td> <td>WASHINGTON</td> </tr> <tr> <td>Postal Code:</td> <td>98073</td> </tr> </table>		Name:	Quantum Corporation	Street Address:	P.O. Box 97057	City:	Redmond	State/Country:	WASHINGTON	Postal Code:	98073
Name:	Quantum Corporation										
Street Address:	P.O. Box 97057										
City:	Redmond										
State/Country:	WASHINGTON										
Postal Code:	98073										
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>13354011</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13354011						
Property Type	Number										
Application Number:	13354011										
CORRESPONDENCE DATA											
<p>Fax Number: 7202939822 Phone: 720-562-2280 Email: sarah@setterroche.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Setter Roche LLP Address Line 1: P.O. Box 780 Address Line 4: Erie, COLORADO 80516</p>											
ATTORNEY DOCKET NUMBER:	857.0025										
NAME OF SUBMITTER:	Brian L. Arment										
Total Attachments: 5											

OP \$40.00 13354011

source=Assignment#page1.tif
source=Assignment#page2.tif
source=Assignment#page3.tif
source=Assignment#page4.tif
source=Assignment#page5.tif

ASSIGNMENT OF UTILITY PATENT APPLICATION

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
Gregory L. Wade	4150 Cadwallader Ave., San Jose, California 95121
J. Mitchell Haile	95 Hudson St., Somerville, Massachusetts 02144
Bill Kan	5 Manhattan Court, Redwood City, California 94065
Barry Herman	45 Linden Avenue, Atherton, California 94027

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled "METADATA STORAGE IN UNUSED PORTIONS OF A VIRTUAL DISK FILE" which was executed on even date herewith, or filed with the United States Patent and Trademark Office (USPTO) on January 19, 2012, and assigned Serial No.13/354,011, and further described in U.S. Provisional Patent Application No. 61/434,188, filed January 19, 2011.

WHEREAS, Quantum Corporation, having a place of business at P.O. Box 97057, Redmond, Washington 98073, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), and said utility application, any said provisional applications, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said inventions(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said

Inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR'S behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.



Gregory L. Wade

Date: 4/26/2012



Witness

Date: 4.26.12

J. Mitchell Haile

Date: _____

Witness

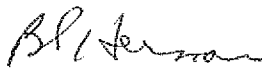
Date: _____

Bill Kan

Date: _____

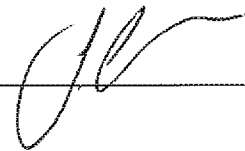
Witness

Date: _____



Barry Herman

Date: 4-24-12



Witness

Date: 4.24.12

Inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR'S behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

Gregory L. Wade

Date: _____

Witness

Date: _____

Mitchell Haile
J. Mitchell Haile

Date: 18 Mar 2012

[Signature]
Witness

Date: March 18, 2012

Bill Kan
Bill Kan

Date: 4/30/2012

Witness

Date: _____

Barry Herman

Date: _____

Witness

Date: _____