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05-24-2006

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

RE



103242923

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies):**

Gerald D. TYNAN

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**2. Name and address of receiving party(ies)**Name: Quantum Corporation

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

1650 Technology Drive, Suite 800

City: San JoseState: CaliforniaCountry: United States of America Zip: 95110Additional name(s) & address(es) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s): May 10, 2006☒ Assignment ☐ Merger ☐ Change of Name☐ Security Agreement ☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other \_\_\_\_\_**4. Application or patent number(s):**

A. Patent Application No.(s)

This application filed  
concurrently herewith☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Michael S. Garrabrants  
MORRISON & FOERSTER LLPInternal Address: Atty. Dkt.: 249212041400Street Address: 425 Market StreetCity: San FranciscoState: CA Zip: 94105-2482Phone Number: (415) 268-6824Fax Number: (415) 268-7522Email Address: MGarrabrants@mofo.com**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

- ☐ Authorized to be charged by credit card
- ☒ Authorized to be charged to deposit account
- ☐ Enclosed
- ☐ None required (government interest not affecting title)

**8. Payment Information**a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_b. Deposit Account Number 03-1952  
Authorized User Name Michael S. Garrabrants**9. Signature:**

Signature

May 17, 2006

Date

Michael S. Garrabrants - 51,230

Name of Person Signing

Total number of pages including cover  
sheet, attachments, and documents:

2

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EL 968416876 US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: May 17, 2006

Signature:

(Laura Tsang)

sf-2130886

PATENT  
REEL: 017890 FRAME: 0666113000 U.S. PTO  
11/436268

051706

# **ASSIGNMENT SOLE**

THIS ASSIGNMENT, by Gerald D. TYNAN (hereinafter referred to as the assignor), residing at 1184 Rudi Lane, Golden, Colorado, 80403, witnesseseth:

WHEREAS, said assignor has invented certain new and useful improvements in BUCKLER FOR TAPE DRIVES, set forth in an application for Letters Patent of the United States, bearing Serial No. (To Be Assigned) and filed Herewith; and

WHEREAS, QUANTUM CORPORATION, a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 1650 Technology Drive, Suite 800, San Jose, California 95110 (hereinafter referred to as the assignee QUANTUM CORPORATION) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

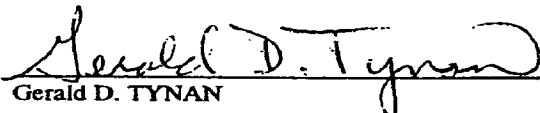
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successor, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

5/10/06  
Date

  
Gerald D. TYNAN

**COPY****ASSIGNMENT  
SOLE**

THIS ASSIGNMENT, by Gerald D. TYNAN (hereinafter referred to as the assignor), residing at 1184 Rudi Lane, Golden, Colorado, 80403, witnesseth:

WHEREAS, said assignor has invented certain new and useful improvements in BUCKLER FOR TAPE DRIVES, set forth in an application for Letters Patent of the United States, bearing Serial No. (To Be Assigned) and filed Herewith; and

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NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successor, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

5/10/06  
Date

  
Gerald D. TYNAN

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