Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)

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U.S. DEPARTMENT OF COMMERCE ited States Patent and Trademark Office

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| To the Director of the U.S. Patent and Trademark Office: Please | record the attached documents or the new address(es) below. | | |
| Name of conveying party(ies): | 2. Name and address of receiving party(ies) | | |
| Daniel B. SACHUK | Name: Quantum Corporation | | |
| | Internal Address: | | |
| Additional name(s) of conveying party(ies) attached? | Street Address: | | |
| 3. Nature of conveyance/Execution Date(s): | | | |
| Execution Date(s): July 23, 2003 | 1650 Technology Drive, Suite 800 | | |
| X Assignment Merger Change of Name | | | |
| Security Agreement Joint Research Agreement | City: San Jose | | |
| Government Interest Assignment | State: California | | |
| Executive Order 9424, Confirmatory License | Country: United States of America Zip: 95110 | | |
| Other | Additional name(s) & address(es) Yes X No | | |
| | attached: | | |
| 4. Application or patent number(s): A. Patent Application No.(s) This application | his document is being filed together with a new application. B. Patent No.(s) | | |
| Additional numbers attached? | | | |
| Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: | | |
| Name: Christopher B. Eide MORRISON & FOERSTER LLP | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 | | |
| Internal Address: Atty. Dkt.: 249212022710 | Authorized to be charged by credit card | | |
| Street Address: 755 Page Mill Road | X Authorized to be charged to deposit account | | |
| | Enclosed | | |
| | | | |
| | None required (government interest not affecting title) | | |
| City: Palo Alto | 8. Payment Information | | |
| State: CA Zip: 94304-1018 | a. Credit Card Last 4 Numbers | | |
| Phone Number: (650) 813-5720 | Expiration Date | | |
| Fax Number:(650) 494-0792 | b. Deposit Account Number 03-1952 | | |
| Email Address: CEide@mofo.com | Authorized User Name Christopher B. Eide | | |
| 9. Signature: | | | |
| $($ $ \mathcal{F} $ | April (8, 2006 | | |
| Signature | Date | | |
| Christopher B. Eide - 48,375 | Total number of pages including cover | | |
| Name of Person Signing | sheet, attachments, and documents. | | |
| | Client Ref. No.: Q03-1004-DIV1 | | |

04/26/2006 NJAMA1 00000016 031952 11406909 01 FC:8021 40.00 DA

pa-1060729

ASSIGNMENT SOLE

THIS ASSIGNMENT, by Daniel B. SACHUK (hereinafter referred to as the assignor), residing at 10027 Raleigh Street, Westminster, Colorado 80031 witnesseth:

WHEREAS, said assignor has invented certain new and useful improvements in SINGLE REEL TAPE CARTRIDGE HAVING GUIDE SURFACE, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date 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 501 Sycamore Drive, Milpitas, California 95035 (hereinafter referred to as the assignee) 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 he 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.

| "I hereby authoration | | 's attorneys, Mon | rison & Foerster LLP, to insert here in) the application number and fili | ng |
|--------------------------|------------------|-------------------|---|----|
| date of said application | when known." | | •• | Ī |
| 7/23/2003 | Daniel B. SACHUK | hul | | |
| Date | Daniel B. SACHUK | • . | * *** | |

na-805891

PATENT

REEL: 017812 FRAME: 0415

Attorne - cket No.: 249212022700 C. Ref. No.: Q03-1004

ASSIGNMENT SOLE

THIS ASSIGNMENT, by Daniel B. SACHUK (hereinafter referred to as the assignor), residing at 10027 Raleigh Street, Westminster, Colorado 80031 witnesseth:

WHEREAS, said assignor has invented certain new and useful improvements in SINGLE REEL TAPE CARTRIDGE HAVING GUIDE SURFACE, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date 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 501 Sycamore Drive, Milpitas, California 95035 (hereinafter referred to as the assignee) 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.

| "I hereby author parentheses (Application date of said application | | here in er and filing |
|--|------------------|--------------------------|
| 7/23/2003 Date | Daniel B. SACHUR | |

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COPY

PATENT REEL: 017812 FRAME: 0416