

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM503635

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|---|--|-----------------------|-------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
| NATURE OF CONVEYANCE: | RELEASE OF SECURITY INTEREST | | |
| CONVEYING PARTY DATA | | | |
| Name | Formerly | Execution Date | Entity Type |
| TCW ASSET MANAGEMENT COMPANY LLC, AS AGENT | | 12/27/2018 | Limited Liability Company: DELAWARE |
| RECEIVING PARTY DATA | | | |
| Name: | QUANTUM LTO HOLDINGS, LLC | | |
| Street Address: | 224 AIRPORT PARKWAY | | |
| City: | SAN JOSE | | |
| State/Country: | CALIFORNIA | | |
| Postal Code: | 95110 | | |
| Entity Type: | Limited Liability Company: DELAWARE | | |
| PROPERTY NUMBERS Total: 5 | | | |
| Property Type | Number | Word Mark | |
| Registration Number: | 2836782 | LINEAR TAPE-OPEN | |
| Registration Number: | 2487985 | LTO | |
| Registration Number: | 2815237 | LTO LINEAR TAPE-OPEN | |
| Registration Number: | 2487984 | ULTRIUM | |
| Registration Number: | 4623199 | ULTRIUM LTO | |
| CORRESPONDENCE DATA | | | |
| Fax Number: | 3107854601 | | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | | | |
| Phone: | 3107854600 | | |
| Email: | leilani.legaspi@hoganlovells.com, linamaria.perez@hoganlovells.com, rachel.eisen@hoganlovells.com | | |
| Correspondent Name: | HOGAN LOVELLS US LLP | | |
| Address Line 1: | 1999 AVENUE OF THE STARS | | |
| Address Line 2: | SUITE 1400 | | |
| Address Line 4: | LOS ANGELES, CALIFORNIA 90067 | | |
| NAME OF SUBMITTER: | Leilani P. Legaspi | | |
| SIGNATURE: | /Leilani P. Legaspi/ | | |
| DATE SIGNED: | 12/27/2018 | | |

CH \$140.00 2836782

Total Attachments: 6

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RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

THIS RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY ("Release") is made as of this 27th day of December, 2018, by TCW ASSET MANAGEMENT COMPANY LLC, in its capacity as agent ("Agent"), in favor of QUANTUM LTO HOLDINGS, LLC, a Delaware limited liability company, ("Company").

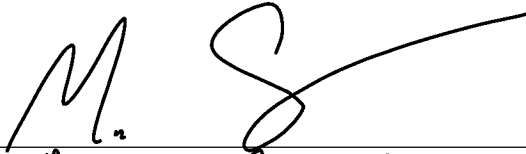
FOR GOOD AND VALUABLE CONSIDERATION, the receipt and adequacy of which are hereby acknowledged, Agent hereby releases its liens on and security interests in the Intellectual Property Collateral (as such term is defined in the Intellectual Property Security Agreement dated September 27, 2018) including those patents, trademarks, and copyrights listed on Schedule A attached hereto and made a part hereof (together with all reissues, reexaminations, continuations, continuations-in-part, divisionals, renewals and extensions of the foregoing), which liens and security interests were established under and pursuant to an Intellectual Property Security Agreement dated September 27, 2018, executed by Company in favor of Agent recorded with the United States Patent and Trademark Office on September 28, 2018 (patents at Reel/Frame 47003/0819; trademarks at Reel/Frame 6445/0886).

This Release and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Release and the transactions contemplated hereby shall be governed by, and construed in accordance with, the laws of the United States and the State of New York, without giving effect to any choice or conflict of law provision or rule (whether of the State of New York or any other jurisdiction).

[Signature Page Follows]

IN WITNESS HEREOF, Agent has caused this Release to be duly executed by its
duly authorized officer as of the day and year first above written.

TCW ASSET MANAGEMENT COMPANY LLC, as
Agent

By: 
Name: Mark Gerzof
Title: Managing Director

SCHEDULE A

PATENTS

| TITLE | INVENTORS | COUNTRY | APPLICATION NUMBER | PATENT NUMBER |
|--|--------------------------------------|----------------|---------------------------|----------------------|
| MAGNETIC TAPE CARTRIDGE | | US | 9212484 | 6452745 |
| MAGNETIC TAPE CARTRIDGE | | US | 9852635 | 6462906 |
| MAGNETIC TAPE CARTRIDGE HAVING BRAKE WITH SKIRT PORTION THEREOF CONTACTING REEL HUB CONTINOUS WALL PORTION | | US | 10086245 | 6563671 |
| MAGNETIC TAPE CARTRIDGE WITH CONICALLY INCLINED SELF-CENTERING BRAKE SURFACE | | US | 10369585 | 6728066 |
| MAGNETIC TAPE CARTRIDGE WITH BRAKE RELEASE MEMEBER PUSH ROD CONTACTING REEL GEAR HOLE VIA PROTRUSIONS | | US | 10369597 | 6667852 |
| MAGNETIC TAPE CARTRIDGE HAVING PROJECTIONS | | US | 9700469 | 6717771 |
| MAGNETIC TAPE CARTRIDGE FOR HOUSING A REEL | | US | 10173273 | 6760192 |
| MAGNETIC TAPE CARTRIDGE | | US | 9762563 | 6648259 |
| MAGNETIC TAPE CARTRIDGE | | US | 10279857 | 6669127 |
| MAGNETIC TAPE CARTRIDGE WITH ROTATABLY-MOUNTED MULTI-PROJECTION BRAKE RELEASE MEMBER | | US | 9220336 | 7085101 |
| METHODS AND SYSTEMS FOR OVERWRITE PROTECTED STORAGE MEDIA | George SALIBA, Christopher P King | US | 10826639 | 7224545 |
| METHOD FOR CONSTRUCTING RLL CODES OF ARBITRARY RATE | Marc Feller | US | 12198687 | 7714749 |

| | | | | |
|--|---|----|----------|------------------|
| A TAPE ARCHITECTURE AND A HEAD ARCHITECTURE FOR A LINEAR TAPE DRIVE HAVING A REDUCED ACTUATOR STROKE | Lawrence G Neumann | US | 12395479 | 8009377 |
| TAMPER RESISTANT WRITE ONCE RECORDING OF A DATA STORAGE CARTRIDGE HAVING REWRITABLE MEDIA | Glen Alan Jaquette, Paul Bartlett, Gregory A Unruh | US | 10440694 | 7038874 |
| SERVO TRACK HAVING PERIODIC FRAMES OF TONE FIELD AND EMBEDDED SYNCHRONIZATION MARKS | John A Koski, Timothy C Hughes | US | 11602872 | 7522372 |
| TAPE LEADER PIN ASSEMBLY AND METHOD FOR MAKING THE SAME | James Eaton, Thomas Robert Albrecht, Robert Ralph Heinze, John Anthony Hamming, Jeffrey S McAllister, Thomas W von Alten, Carl R Hoerger, Geoffrey W Mansbridge | US | 9055016 | 6003802 |
| TAPE LEADER PIN ASSEMBLY AND METHOD FOR MAKING THE SAME | James Eaton, Thomas Robert Albrecht, Robert Ralph Heinze, John Anthony Hamming, Jeffrey S McAllister, Thomas W von Alten, Carl R Hoerger, Geoffrey W Mansbridge | US | 9320238 | 6499684 |
| BOUNDING DEFECTIVE REGIONS OF A TAPE STORAGE MEDIUM | Dwayne Edling, Charles K Klomp | US | 10923443 | 7269687 |
| DATA BAND IDENTIFICATION FOR TAPE SERVO SYSTEM USING MULTIPLE SERVO BANDS | Turguy Goker | US | 62669735 | (Not yet issued) |

TRADEMARKS

| TRADEMARK | COUNTRY | APPL. DATE | APPL. NO. | REG. DATE | REG. NO. |
|------------------------------|---------|------------|-----------|------------|----------|
| LINEAR TAPE-OPEN | USA | 4/3/1998 | 75983433 | 4/27/2004 | 2836782 |
| LTO | USA | 4/3/1998 | 75/462012 | 9/11/2001 | 2487985 |
| LTO LINEAR TAPE-OPEN Logo | USA | 3/12/1999 | 75/659481 | 2/17/2004 | 2815237 |
| ULTRIUM | USA | 4/3/1998 | 75/462005 | 9/11/2001 | 2487984 |
| ULTRIUM LTO & Device | USA | 1/22/2013 | 85829575 | 10/21/2014 | 4623199 |

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None.