

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM503635

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

source=Release of IP Security Agreement (Quantum LTO)#page1.tif

source=Release of IP Security Agreement (Quantum LTO)#page2.tif

source=Release of IP Security Agreement (Quantum LTO)#page3.tif

source=Release of IP Security Agreement (Quantum LTO)#page4.tif

source=Release of IP Security Agreement (Quantum LTO)#page5.tif

source=Release of IP Security Agreement (Quantum LTO)#page6.tif

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").

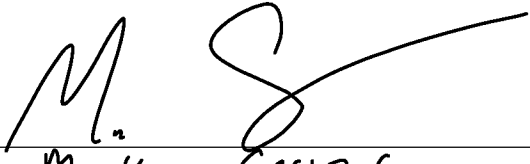
FOR GOOD AND VALUABLE CONSIDERATION, the receipt and adequacy of which are hereby acknowledged, Agent hereby releases its liens on and security interests in the Intellectual Property Collateral (as such term is defined in the Intellectual Property Security Agreement dated September 27, 2018) including 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

COPYRIGHTS

None.