

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM501237

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	Release of security interest		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Spectra7 Microsystems Corp.		10/12/2018	Corporation: ONTARIO
RECEIVING PARTY DATA			
Name:	Midcap Financial Trust		
Street Address:	7255 Woodmont Avenue		
Internal Address:	Suite 200		
City:	Bethesda		
State/Country:	MARYLAND		
Postal Code:	20814		
Entity Type:	Bank: DELAWARE		
PROPERTY NUMBERS Total: 27			
Property Type	Number	Word Mark	
Serial Number:	77017034	MAGNIFEYE	
Serial Number:	77330442	CRYSTAL CLEAR. PICTURE PERFECT.	
Serial Number:	78969994	REDMERE	
Serial Number:	85906639	SPECTRA7	
Serial Number:	85906743	JTX	
Serial Number:	85906750	MIRA	
Serial Number:	85906760	DISPLAYDIRECT	
Serial Number:	85906768	SPECTRATUNE	
Serial Number:	85906858	COUCH CONNECT	
Serial Number:	86037294	COUCH CONNECT BY SPECTRA7	
Serial Number:	86037298	DETECTIV4K	
Serial Number:	86037347	ACTIVE DX	
Serial Number:	86331128	HOME THEATER BY SPECTRA7	
Serial Number:	86331135	DISPLAY DIRECT WEARABLE COMPUTING INTERC	
Serial Number:	86405980	CHROMAVR	
Serial Number:	86438312	RT-TESTER	
Serial Number:	86876412	GAUGECHANGER	
Serial Number:	86876421	GAUGE CHANGER	

OP \$690.00 77017034

Property Type	Number	Word Mark
Serial Number:	86876425	GAUGECHANGER PLUS
Serial Number:	86940841	DREAMWEVR
Serial Number:	86957546	SPECTRALINEAR
Serial Number:	86957547	MICROCHROMA
Serial Number:	86957548	VRQUICK-RELEASE
Serial Number:	86957552	VRJUNCTION
Serial Number:	86957553	VRCONTROL
Serial Number:	86957554	AR-CONNECT
Serial Number:	86957618	POCKETCONSOLE

CORRESPONDENCE DATA

Fax Number: 8009144240

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.

Phone: 800-713-0755

Email: erin.roberson@wolterskluwer.com,
james.cowburn@wolterskluwer.com

Correspondent Name: CT Corporation

Address Line 1: 4400 Easton Commons Way

Address Line 2: Suite 125

Address Line 4: Columbus, OHIO 43219

NAME OF SUBMITTER:	Shannon Morris
SIGNATURE:	/Shannon Morris/
DATE SIGNED:	12/07/2018

Total Attachments: 7

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RECORDATION FORM COVER SHEET TRADEMARKS ONLY

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):

Spectra7 Microsystems Corp.

- Individual(s)
- Partnership
- Corporation- State: Province of Ontario, Canada
- Other Canada

Citizenship (see guidelines) _____

Additional names of conveying parties attached? Yes No

3. Nature of conveyance/Execution Date(s) :

Execution Date(s) October 12, 2018

- Assignment
- Security Agreement
- Other Release of security interest
- Merger
- Change of Name

2. Name and address of receiving party(ies)

Additional names, addresses, or citizenship attached? Yes No

Name: Midcap Financial Trust

Street Address: 7255 Woodmont Avenue, Suite 200

City: Bethesda

State: Maryland

Country: USA Zip: 20814

- Individual(s) Citizenship _____
- Association Citizenship _____
- Partnership Citizenship _____
- Limited Partnership Citizenship _____
- Corporation Citizenship _____
- Other Bank Citizenship _____

If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No
(Designations must be a separate document from assignment)

4. Application number(s) or registration number(s) and identification or description of the Trademark.

A. Trademark Application No.(s) Text

see attached schedule

B. Trademark Registration No.(s)

see attached schedule

Additional sheet(s) attached? Yes No

C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown):

5. Name & address of party to whom correspondence concerning document should be mailed:

Name: Aird & Berlis LLP

Internal Address: _____

Street Address: 181 Bay Street, Suite 1800

City: Toronto

State: Ontario Zip: M5J 2T9

Phone Number: 416.865.4726

Docket Number: 112670

Email Address: smorris@airdberlis.com

6. Total number of applications and registrations involved:

27

7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$ _____

- Authorized to be charged to deposit account
- Enclosed

8. Payment Information:

Deposit Account Number _____

Authorized User Name _____

9. Signature:

Sharon Morris
Signature

Date _____

Shannon Morris

Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 7

RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

WHEREAS, Spectra Microsystems Inc., a corporation incorporated under the laws of Canada, **Spectra7 Microsystems Ltd.**, a corporation formed under the laws of the State of Delaware, **Spectra7 Microsystems Corp.** (as successor in interest to Fresco Microchip Inc.), a corporation incorporated under the laws of the Province of Ontario, and **Spectra7 Microsystems (Ireland) Limited** (as successor in interest to RedMere Technology Limited), a corporation incorporated under the laws of Ireland (collectively, the “**Debtors**”) are the owners of the patents and trademarks set forth in Exhibit 1, as well as the underlying goodwill of said trademarks (collectively, the “**Intellectual Property**”);

WHEREAS, Midcap Financial Trust, as agent (the “**Creditor**”) entered into a security agreement with the Debtors dated March 30, 2016 (the “**Security Agreement**”) by which the Debtors agreed to grant to the Creditor a secured interest in the Intellectual Property;

WHEREAS a Notice of Security Interest was filed against the Intellectual Property with the Canadian Intellectual Property Office (“**CIPO**”) Registrar of Trade-marks on April 22, 2016 and with the CIPO Registrar of Patents on April 26, 2016;

WHEREAS a Notice of Security Interest was filed against the Intellectual Property with the United States Patent and Trademark Office (“**USPTO**”) Trademark Assignment Recordation Branch Public Records Division on April 5, 2016 and with the USPTO Patent Assignment Recordation Branch Public Records Division on April 26, 2016;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Creditor hereby releases and discharges its security interest in the Intellectual Property.

Dated: October 12, 2018

MIDCAP FINANCIAL TRUST, as Agent

By: Apollo Capital Management, L.P.,
its investment manager

By: Apollo Capital Management GP, LLC,
its general partner

By: _____

Name: Maurice Amsellem
Title: Authorized Signatory

TRADEMARK

REEL: 006545 FRAME: 0983

**EXHIBIT 1
INTELLECTUAL PROPERTY**

Canadian Trademarks

Owner	Cdn. Trademark	TMA Registration No.	Application Serial No.
Spectra7 Microsystems (Ireland) Limited	Magnifeye	TMA743,043	1320255
	Redmere	TMA743,207	1313907

US Trademarks

Owner	US Trademark	TMA Registration No.	Application Serial No.
Spectra7 Microsystems Corp.	Magnifeye	3518802	77017034
	Crystal Clear. Picture Perfect	3533352	77330442
	Redmere	3520704	78969994
	Spectra7	4569429	85906639
	JTX		85906743
	Mira		85906750
	Displaydirect		85906760
	Spectratune		85906768
	Couch Connect	4598191	85906858
	Couch Connect by Spectra7	4569874	86037294
	Detectiv4k		86037298
	Active DX		86037347
	Home Theater by Spectra7		86331128
	Direct Wearable Computing Interconnect Fabric		86331135
	Chromavr		86405980
	RT-Tester		86438312
	Gaugechanger		86876412
	Gaugechanger		86876421
	Gaugechanger Plus		86876425
	Dreamwevr		86940841
	Spectralinear		86957546
	Microchroma		86957547
	Vrquick-Release		86957548
	Vrjunction		86957552
	Vrcontrol		86957553
	AR-Connect		86957554
Pocketconsole		86957618	

Canadian Patents and Patent Applications

Owner	Cdn. Patent	Registration No.	Application No.
Spectra7 Microsystems (Ireland) Limited	An improved data recovery system for source synchronous data channels	2,628,017	
	A programmable high-speed cable with embedded power control	2,664,597	
	Embedded power control in a high-speed cable	2,881,328	
	A programmable high-speed cable with embedded power control	2,881,337	
	Economical high speed data cable with improved characteristics		2,745,916
	Method and system for reducing a time skew between two polarities of a differential signal	2,847,649	
	Method for deskewing a differential signal and a system and circuit therefor	2,847,650	
	Data recovery method and system for source synchronous data channels	2,847,651	
	Method and system for determining and improving performance of a cable	2,848,033	
Spectra7 Microsystems (Ireland) Limited Spectra7 Microsystems Inc. Spectra7 Microsystems Ltd. Spectra7 Microsystems Corp.	Method and system for processing a differential data signal	2,907,322	

US Patents and Patent Applications

Owner	US Patent	Registration No.	Application No.
Spectra7 Microsystems (Ireland) Limited	Data recovery system for source synchronous data channels	7809085	11623069
	Method of deskewing a differential signal and a system and circuit therefor	7937605	11623070

Owner	US Patent	Registration No.	Application No.
	Programmable high-speed cable with printed circuit board and boost device	8295296	11826710
	Programmable cable with deskew and performance analysis circuits	7996584	11826711
	System and method for calibrating a high-speed cable	7729874	11826712
	High-speed cable with embedded power control	7861277	11826713
	Programmable high-speed cable with boost device	8058918	11826716
	High current drive bandgap based voltage regulator	8427129	12138914
	Repeater for a bidirectional serial bus	7793022	12219565
	Self calibrating cable for a high definition digital video interface	7970567	12219642
	Programmable high-speed cable with boost device	7936197	12379068
	Programmable high-speed cable with printed circuit board and boost device	8254402	12379206
	Self calibrating cable for high definition digital video interface	8073647	12461030
	Self calibrating cable for high definition digital video interface	8280668	12461031
	High-speed cable with embedded power control	7908634	12461046
	Data recovery system for source synchronous data channels	8520776	12461047
	Boosted cable for carrying high speed channels and methods for calibrating the same	8437973	12585410
	High speed data cable with shield connection	8546688	12656994
	Startup circuit and high speed cable using the same	8272023	12801434
	High-speed cable with embedded signal format conversion and power control	7873980	12801435
	Low impedance boosted high speed data cable	8502073	12805101

Owner	US Patent	Registration No.	Application No.
	Reduced wire count high speed data cable	8502070	12805103
	Embedded power control in a high-speed cable	8006277	12930000
	High speed data cable with impedance correction	8674223	13064040
	Low cost high speed data cable	8674224	13064041
	Economical boosted high speed data cable	8674225	13064042
	High speed data cable including a boost device for generating a differential signal	8674226	13064043
	High speed data cable using an outer braid to carry a signal	8680395	13064044
	Self calibrating cable for a high definition digital video interface	8280669	13067493
	Startup circuit and high speed cable using the same	8479248	13573415
	Reduced wire count high speed data cable	9076575	13929545
	Low impedance boosted high speed data cable	9040823	13929550
	High-speed data cable with shield connection	9324478	14014187
	High speed data cable using an outer braid to carry a signal	9318241	14168998
Spectra7 Microsystems Corp., as successor in interest to Fresco Microchip Inc.	Interference avoidance in a television receiver	8902365	12038781
	Method and apparatus for extracting a desired television signal from a wideband if input	8502920	12041685
	Automatic gain control system	9083940	12041695
	Carrier recovery system with phase noise suppression	8537285	12041704
	Method and apparatus for processing a signal with a coarsely positioned if frequency	8570446	12041720
	Signal demodulator with overmodulation protection	8330873	12041926
	Pre and post filter automatic gain control with bounded pre-filter gain control	8106709	12630272

Owner	US Patent	Registration No.	Application No.
	Mixed signal integrated circuit, with built in self test and method	8659309	12938963
	Signal tuning with variable intermediate frequency for image rejection and methods	9184776	13004755
	Accurate radio frequency filtering using active intermediate frequency feedback	8798570	13323103
	Harmonic cancellation for frequency conversion harmonic cancellation	8666352	13327836
	Digital signal processor with adjustable data rate and methods thereof	8594168	13408011
	Method and apparatus for extracting a desired television signal from a wideband if input using re-sampling	9253435	13935023
	Phase-adjustment processing for broadcast channel signals	9191613	13967767
	Method and system for improving audio fidelity in an HDMI system	9001275	14084463
	Method and system for achieving higher video throughput and/or quality	9258603	14172778
	Reducing electromagnetic radiation emitted from high-speed interconnects	9172412	14205082
Spectra7 Microsystems Ltd.	Method and system for mitigating the effects of a transmitted blocker and distortions therefrom in a radio receiver		14080604
	Method for calibrating distortion cancelation in duplex communication systems		14869785

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