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ETAS ID: TM537275

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: Security Agreement (Revolving Loan)

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Dynex Technologies Holding Company, Inc.		08/19/2019	Corporation: DELAWARE
Dynex Technologies, Inc.		08/19/2019	Corporation: DELAWARE

RECEIVING PARTY DATA

Name:	MIDCAP FINANCIAL TRUST, AS AGENT
Street Address:	7255 WOODMONT AVENUE, SUITE 200
City:	BETHESDA
State/Country:	MARYLAND
Postal Code:	20814
Entity Type:	Statutory Trust: DELAWARE

PROPERTY NUMBERS Total: 11

Property Type	Number	Word Mark
Registration Number:	4313614	AGILITY
Registration Number:	3331772	DS2
Registration Number:	5607989	DS-MATRIX
Registration Number:	3236380	DSX
Registration Number:	4666661	DYNEX
Serial Number:	88015940	DYNEX ASSAY EDITOR SOFTWARE
Registration Number:	4753208	MULTIPLIER
Registration Number:	4753358	MULTIPLIER FLEX
Registration Number:	5591275	REVELATION DSX
Registration Number:	4448150	SMARTKIT
Serial Number:	87875152	SMARTPLEX

CORRESPONDENCE DATA

Fax Number: 7036106200

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: 7036106100

Email: BoxIP@hoganlovells.com

Correspondent Name: Valerie Brennan, Hogan Lovells US LLP

TRADEMARK

REEL: 006724 FRAME: 0264

900511712

Address Line 1: Attn: Box Intellectual Property
Address Line 2: 8350 Broad Street, 17th Floor
Address Line 4: Tysons, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	036639.000100
NAME OF SUBMITTER:	Rachel Fleeson
SIGNATURE:	/rf/
DATE SIGNED:	08/20/2019

Total Attachments: 18

source=IP Security Agreement (Revolving Loan)#page1.tif source=IP Security Agreement (Revolving Loan)#page2.tif source=IP Security Agreement (Revolving Loan)#page3.tif source=IP Security Agreement (Revolving Loan)#page4.tif source=IP Security Agreement (Revolving Loan)#page5.tif source=IP Security Agreement (Revolving Loan)#page6.tif source=IP Security Agreement (Revolving Loan)#page7.tif source=IP Security Agreement (Revolving Loan)#page8.tif source=IP Security Agreement (Revolving Loan)#page9.tif source=IP Security Agreement (Revolving Loan)#page10.tif source=IP Security Agreement (Revolving Loan)#page11.tif source=IP Security Agreement (Revolving Loan)#page12.tif source=IP Security Agreement (Revolving Loan)#page13.tif source=IP Security Agreement (Revolving Loan)#page14.tif source=IP Security Agreement (Revolving Loan)#page15.tif source=IP Security Agreement (Revolving Loan)#page16.tif source=IP Security Agreement (Revolving Loan)#page17.tif source=IP Security Agreement (Revolving Loan)#page18.tif

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of the 19th day of August, 2019 by and among MIDCAP FINANCIAL TRUST, a Delaware statutory trust (in such capacity, together with its successors and assigns, "Agent"), DYNEX TECHNOLOGIES HOLDING COMPANY, INC., a Delaware corporation ("Parent"), and DYNEX TECHNOLOGIES, INC., a Delaware corporation ("Dynex") (together with Parent and any other Person that joins this agreement as a Grantor, each a "Grantor" and collectively, the "Grantors").

RECITALS

- A. The Lenders have agreed to make certain advances of money and to extend certain financial accommodation to the Grantors (the "Credit Extensions") in the amounts and manner set forth in that certain Credit and Security Agreement (Revolving Loan), by and between Agent, the Lenders and the Grantors dated as of the date hereof (as the same may be amended, modified or supplemented from time to time, the "Credit Agreement"; unless specifically defined herein, capitalized terms used herein are used as defined in the Credit Agreement). The Lenders are willing to make the Loans to the Grantors, but only upon the condition, among others, that the Grantors shall grant to Agent, for the ratable benefit of the Lenders, a security interest in certain Copyrights, Trademarks, and Patents (as each term is defined below) to secure the obligations of the Grantors under the Credit Agreement.
- B. Pursuant to the terms of the Credit Agreement, each Grantor has granted to Agent, for the ratable benefit of the Lenders, a security interest in all of such Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.
- NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Credit Agreement, each Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Credit Agreement, each Grantor grants and pledges to Agent, for the ratable benefit of the Lenders, a security interest in all of such Grantor's right, title and interest in, to and under its intellectual property, other than Excluded Property (all of which shall collectively be called the "Intellectual Property Collateral"), including, without limitation, the following:

- (a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto, as such Exhibit may be amended, modified or supplemented from time to time (collectively, the "Copyrights");
- (b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;
- (c) Any and all design rights that may be available to such Grantor now or hereafter existing, created, acquired or held;
- (d) Any and all patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part

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of the same, including without limitation the patents and patent applications set forth on <u>Exhibit B</u> attached hereto, as such Exhibit may be amended, modified or supplemented from time to time (collectively, the "Patents");

- (e) Any and all trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of such Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto, as such Exhibit may be amended, modified or supplemented from time to time (collectively, the "Trademarks");
- (f) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;
- (g) All licenses or other rights to use any of the Copyrights, Patents, or Trademarks and all license fees and royalties arising from such use to the extent permitted by such license or rights;
- (h) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, or Patents; and
- (i) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

This security interest is granted in conjunction with the security interest granted to Agent, for the ratable benefit of the Lenders, under the Credit Agreement. The rights and remedies of Agent with respect to the security interest granted hereby are in addition to those set forth in the Credit Agreement and the other Financing Documents, and those which are now or hereafter available to Agent as a matter of law or equity. Each right, power and remedy of Agent provided for herein or in the Credit Agreement or any of the Financing Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Agent of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Credit Agreement or any of the other Financing Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Agent, of any or all other rights, powers or remedies.

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT AND ALL DISPUTES AND OTHER MATTERS RELATING HERETO OR THERETO OR ARISING THEREFROM (WHETHER SOUNDING IN CONTRACT LAW, TORT LAW OR OTHERWISE), SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND ENFORCED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK, WITHOUT REGARD TO CONFLICTS OF LAWS PRINCIPLES (OTHER THAN SECTION 5-1401 OF THE GENERAL OBLIGATIONS LAW).

EACH GRANTOR AND AGENT HEREBY IRREVOCABLY WAIVE ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT AND AGREES THAT ANY SUCH ACTION OR PROCEEDING SHALL BE TRIED BEFORE A COURT AND NOT BEFORE A JURY. EACH GRANTOR AND AGENT ACKNOWLEDGES THAT THIS WAIVER IS A MATERIAL INDUCEMENT TO ENTER INTO A BUSINESS RELATIONSHIP, THAT EACH HAS RELIED ON THE WAIVER IN ENTERING INTO THIS AGREEMENT, AND THAT EACH WILL CONTINUE TO RELY ON THIS WAIVER IN THEIR RELATED FUTURE DEALINGS. EACH GRANTOR AND AGENT WARRANTS AND REPRESENTS THAT IT HAS HAD THE

MidCap / Dynex / IP Security Agreement (Revolving Loan)

OPPORTUNITY OF REVIEWING THIS JURY WAIVER WITH LEGAL COUNSEL, AND THAT IT KNOWINGLY AND VOLUNTARILY WAIVES ITS JURY TRIAL RIGHTS.

This Intellectual Property Security Agreement may be signed in any number of counterparts, each of which shall be deemed an original and all of which when taken together shall constitute one and the same instrument. Delivery of an executed counterpart of this Intellectual Property Security Agreement by facsimile or by electronic mail delivery of an electronic version (e.g., .pdf or .tif file) of an executed signature page shall be effective as delivery of an original executed counterpart hereof and shall bind the parties hereto.

The provisions of the Credit Agreement regarding choice of law, jurisdiction, and venue are incorporated herein and shall govern this Intellectual Property Security Agreement. This Intellectual Property Security Agreement shall inure to the benefit of Agent, the Lenders and their respective successors and assigns, and shall be binding upon each Grantor and its successors and assigns.

[Signature page follows.]

MidCap / Dynex / IP Security Agreement (Revolving Loan)

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTORS:

DYNEX TECHNOLOGIES, INC.

Name: Donglas Kaspar Title: Treasurer and Secretary

Address:

14340 Sullyfield Circle Chantilly, VA 20151

Attn: Douglas Kaspar Facsimile: +1 703 803 1441

E-Mail:

DYNEX TECHNOLOGIES HOLDING COMPANY, INC.

Name: Doyglas Kaspar

Title: Chief Financial Officer and Secretary

Address:

14340 Sullyfield Circle Chantilly, VA 20151

Attn: Douglas Kaspar Facsimile: +1 703 803 1441

E-Mail:

AGENT:

MIDCAP FINANCIAL TRUST

By: Apollo Capital Management, L.P.,

its investment manager

By: Apollo Capital Management GP, LLC,

its general partner

Name: Maurice Amsellem

Title: Authorized Signatory

EXHIBIT A

Copyrights

None.

EXHIBIT B

Patents

[see attached]

MidCap / Dynex / IP Security Agreement (Revolving Loan)

Patent Utility Model	United Kingdom Germany	14 Granted 14 Granted	Multiplex plate imaging Multiplex plate imaging	2496315.00 202012104237.10	110239/05 110239/06	Dynex Technologies Inc Dynex Technologies Inc
Patent Patent Patent	USA United Kingdom Germany	14 Granted 14 Granted 14 Granted	Crosstalk algorithm Crosstalk algorithm Crosstalk algorithm	9128860.00 2515271.00 2515271.00	108549/08 108549/09 108549/10	Dynex Technologies Inc Dynex Technologies Inc Dynex Technologies Inc
Design Design	European Union USA	14 Registered 14 Registered	Reagent kit insert and holder (Smart Kit) Reagent kit insert and holder (Smart Kit)	001302046-0001 D696419	103116/03 103116/07	Dynex Technologies Inc Dynex Technologies Inc
Patent Patent	USA	14 Granted 06 Application filed and receipt received	Multiplex sample plate 3G Circular array of antibody probes	10207268.00	101180/47	Dynex Technologies Inc
Patent Patent Patent	United Kingdom France Germany	14 Granted 14 Granted 14 Granted	Multiplex sample plate 3G Multiplex sample plate 3G Multiplex sample plate 3G	2598244.00 2598244.00 2598244.00	101180/44 101180/45 101180/46	Dynex Technologies Inc Dynex Technologies Inc Dynex Technologies Inc
Utility Model	Germany	14 Granted	Multiplex sample plate 26 Multiplex sample plate 16	20 2010 018 104.6	101180/42	Dynex Technologies Inc
Patent	Germany	14 Granted	Multiplex sample plate 26	2459314.00	101180/40	Dynex Technologies Inc
Patent	USA	14 Granted	Circular array of antibody probes	9857367.00	101180/38	Dynex Technologies Inc
Patent Patent	Russian Federation Hong Kong	14 Granted 14 Granted	Multiplex sample plate 3G Multiplex sample plate 3G	2535880.00 HK1181698	101180/35	Dynex Technologies Inc
Patent	India	09 Official letter answered	Multiplex sample plate 3G	845/DELNP/2013	101180/33	Dynex Technologies Inc
Patent	China		Multiplex sample plate 3G	ZL201180046817.7	101180/32	Dynex Technologies Inc
Patent Patent	Netherlands Brazil	14 Granted 07 Official letter on case	Multiplex sample plate 1G Multiplex sample plate 3G	2279790.00 BR112013002204-3	101180/30	Dynex Technologies Inc
Patent	Germany	14 Granted	Multiplex sample plate 1G	2279790.00	101180/29	Dynex Technologies Inc
Patent	Hong Kong	14 Granted	Multiplex sample plate 2G	HK1174301	101180/26	Dynex Technologies Inc
Patent	USA	14 Granted	Multiplex sample plate 2G	9244069.00	101180/24	Dynex Technologies Inc
Patent Patent	China Russian Federation	14 Granted	Multiplex sample plate 2G Multiplex sample plate 2G	2537234.00	101180/23	Dynex Technologies Inc
Patent	United Kingdom	14 Granted	Multiplex sample plate 2G	2485325.00	101180/21	Dynex Technologies Inc
Patent	India	09 Official letter answered	Multiplex sample plate 2G	834/DELNP/2012	101180/19	Dynex Technologies Inc
Patent	USA Brazil	14 Granted 07 Official letter on case	Multiplex sample plate 36 Multiplex sample plate 2G	9523701.00 BR112012002099-4	101180/18	Dynex Technologies Inc
Patent	Japan	14 Granted	Multiplex sample plate 2G	5129896.00	101180/16	Dynex Technologies Inc
Utility Model	Ukraine	14 Granted	Multiplex sample plate 1G	56577.00	101180/12	Dynex Technologies Inc
Utility Model	Russian Federation	14 Granted	Multiplex sample plate 1G	113010.00	101180/11	Dynex Technologies Inc
Utility Model	China	14 Granted	Multiplex sample plate 1G	ZL201020201602.0	101180/10	Dynex Technologies Inc
Patent	Ukraine	14 Granted	Multiplex sample plate 1G	101958.00	101180/09	Dynex Technologies Inc
Patent	Russian Federation	14 Granted	Multiplex sample plate 1G	2476889.00	101180/07	Dynex Technologies Inc
Patent	China	14 Granted	Multiplex sample plate 1G	ZL201010183506.2	101180/06	Dynex Technologies Inc
Patent	USA United Kingdom	14 Granted	Multiplex sample plate 26	2472887 00	101180/05	Dynex Technologies Inc
Utility Model	Germany	14 Granted	Multiplex sample plate 16	202010004968.70	101180/01	Dynex Technologies Inc
	,			3000	404400	, -

Dynex Technologies, Inc.	Dynex Technologies Inc Dynex Technologies Inc	Dynex Technologies Inc	Dynex Technologies Inc Dynex Technologies Inc	Dynex Technologies Inc Dynex Technologies Inc Dynex Technologies Inc	Dynex Technologies Inc Dynex Technologies Inc Dynex Technologies Inc Dynex Technologies Inc Dynex Technologies Inc Dynex Technologies Inc Dynex Technologies Inc
	89420/05 89420/09	89420/01	68691/06 68691/07	133571 133571/01 133571/02	110509/06 110509/08 110509/09 110509/10 110509/11 110509/12 110509/13
7777211.00	8492155.00 1946123.00	000433149-0001	1102994.00 1102994.00	1816384.00 62/700598	9157923.00 2827990.00 2827990.00 2827990.00 2827990.00 2827990.00 2827990.00
Substantially transparent object detection system and 14 Granted	DS2 - 2 plate reader DS2 - 2 plate reader	Dilution strip	Microplate system Microplate system	Different shaped solid phases for M2 technology Different shaped solid phases for M2 technology Different shaped solid phases for M2 technology	Reagent bead inserter
d 14 Granted	14 Granted 14 Granted	14 Registered	14 Granted 14 Granted	06 Application filed and receipt received 06 Application filed and receipt received 01 Not yet filed	14 Granted
USA	USA Germany	European Union	United Kingdom Germany	United Kingdom USA Patent Cooperation Treaty	USA United Kingdom France Germany Netherlands Czech Republic Slovakia
Patent	Patent Patent	Design	Patent Patent	Patent Patent Patent	Patent Patent Patent Patent Patent Patent Patent Patent Patent

EXHIBIT C

Trademarks

[see attached]



Trademark Records By Trademark

				q				
Owner	Trademark		Country	Application No	Registration No	Registration Date	Int. Classes	Trademark Status
Dynex Technologies, Inc.	AGILITY	AGILITY	United States of America	85279783	4313614	Apr 2 2013	ပ	Registered
Dynex Technologies, Inc.	DS2	DS2	EUTM	013472477	013472477	Apr 20 2015	Q	Registered
Dynex Technologies, Inc.	DS2	DS2	United States of America	78771112	3331772	Nov 6 2007	Q	Registered
Dynex Technologies, Inc.	DS-MATRIX	DS-MATRIX United States of	United States of America	87505806	5607989	Nov 13 2018	ပ	Registered
Dynex Technologies, Inc.	DSX	DSX	EUTM	013472493	013472493	Apr 20 2015	Q	Registered
Dynex Technologies, Inc.	DSX	DSX	United States of America	78769105	3236380	May 1 2007	ပ	Registered
Dynex Technologies, Inc.	DYNEX	DYNEX	ЕИТМ	013472501	013472501	Apr 20 2015	9, 10, 37	Registered
Dynex Technologies, Inc.	DYNEX	DYNEX	United States of America	86280904	4666661	Jan 6 2015	9, 10, 37	Registered
	# 0 17 2 10 13 14 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18							
Dynex Technologies, Inc.	DYNEX ASSAY EDITOR SOFTWARE	DYNEX ÁSSAÝ EDTIŰŘ KOFTWARE	United States of America	88015940			ပ	Pending

Pending	9, 10			87875152	SMARTPLEX United States of America	SMARTPLEX	Dynex Technologies, Inc.
Registered	9, 10	Dec 10 2013	4448150	85279829	SMARTKIT United States of America	SMARTKIT	Dynex Technologies, Inc.
Registered	ဖ	Oct 23 2018	5591275	87505780	REVELATION DSX United States of America	REVELATION DSX	Dynex Technologies, Inc.
	ဖ	Jun 9 2015	4753358	86359362	MULTIPLIER FLEX United States of America	MULTIPLIER FLEX	Dynex Technologies, Inc.
Registered	9, 10	Jun 9 2015	4753208	86295443	MULTIPLIER United States of America	MULTIPLIER	Dynex Technologies, Inc.

WebTMS Infinity 14 Records Printed By cmorton: Mar 20 2010 - 14:06:21 - Criteria: File reference = dynex" + Active / Inactive = Active + Checked / Unchecked = Both, Only 14 Of 17 Records Selected - ENO OF REPORT

ANNEX A1

INTELLECTUAL PROPERTY SECURITY AGREEMENT SUPPLEMENT

	This Intellect	ual Property	Security	Agreemen	t Supp	lement	is entered	d into as	of the [_] day of
[],	20[]	by [_				_], a	[(···"),
[], a] (each	such	entity,	a " <u>Grar</u>	<u>ıtor</u> " an	d collect	ively, the
"Granto	<u>ors</u> ").									

RECITALS

- A. Grantors are party to that certain Intellectual Property Security Agreement, by and between Agent and the Grantors, dated as of August 19, 2019 (as the same may have been amended, modified or supplemented from time to time prior to the date hereof, the "Existing IP Security Agreement"; capitalized terms used herein are used as defined in the Existing IP Security Agreement);
- B. Grantors wish to amend the Existing IP Security Agreement by supplementing the Intellectual Property Collateral therein with the Intellectual Property listed on the exhibits hereto.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Credit Agreement, each Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Credit Agreement, each Grantor grants and pledges to Agent, for the ratable benefit of the Lenders, a security interest in all of such Grantor's right, title and interest in, to and under its Intellectual Property, other than Excluded Property (each as defined in the Credit Agreement), including, without limitation, the following:

- (a) Any and all Copyrights, including without limitation those set forth on Exhibit A attached hereto, as such exhibit may be further amended, modified or supplemented from time to time;
- (b) Any and all Patents, including without limitation those set forth on <u>Exhibit B</u> attached hereto, as such exhibit may be further amended, modified or supplemented from time to time);
- (e) Any and all Trademarks, including without limitation those set forth on Exhibit C attached hereto, as such exhibit may be further amended, modified or supplemented from time to time;
- (f) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

Grantors hereby agree that the Intellectual Property listed on the exhibits hereto shall become a part of the Intellectual Property Collateral in the Existing IP Security Agreement and shall secure all Obligations in accordance with the terms of the Credit Agreement. The exhibits of the Existing IP

¹ Note to draft: Annex A to be used to supplement the IP Security Agreement with new or revised intellectual property after the initial closing, in accordance with the updating requirements under the Credit Agreement MidCap / Dynex / IP Security Agreement (Revolving Loan)

Security Agreement shall be deemed amended to add the Intellectual Property listed on the exhibits to this IP Security Agreement Supplement. The rights and remedies of the Agent with respect to the security interests granted herein are without prejudice to, and are in addition to those set forth in the Credit Agreement and the Existing IP Security Agreement.

The provisions of the Existing IP Security Agreement regarding choice of law, jurisdiction, venue and jury trial waiver are incorporated herein and shall govern this Intellectual Property Security Agreement Supplement.

[Signature Page Follows]

MidCap / Dynex / IP Security Agreement (Revolving Loan)

IN WITNESS	WHEREOF, the	e Grantors	have	caused	this I	ntellectual	Property	Security
Agreement Supplement	to be duly execu	ted by its of	fficers t	hereunt	to duly	authorized	as of the	first date
written above.								
GRANTORS:			[
			By:					
			-	ne:				
			Title					

EXHIBIT A

Copyrights

DescriptionRegistration/Registration/ApplicationApplicationNumberDate

EXHIBIT B

Patents

DescriptionRegistration/Registration/ApplicationApplicationNumberDate

EXHIBIT C

Trademarks

<u>Description</u>

Registration/ Application Number Registration/ Application <u>Date</u>

MidCap / Dynex / IP Security Agreement (Revolving Loan)

RECORDED: 08/20/2019