

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM526590

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	Confirmatory Grant of Security Interest in United States Trademarks		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
AngioDynamics, Inc.		06/03/2019	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	JPMorgan Chase Bank, N.A., as Administrative Agent		
Street Address:	IL1-1145/54/63, P.O. Box 6026		
City:	Chicago		
State/Country:	ILLINOIS		
Postal Code:	60603		
Entity Type:	national association: UNITED STATES		
PROPERTY NUMBERS Total: 68			
Property Type	Number	Word Mark	
Serial Number:	87213413	SOLERO MICROWAVE TISSUE ABLATION SYSTEM	
Registration Number:	5722693	SOLERO	
Registration Number:	1688929	PULSE SPRAY	
Registration Number:	5119527	SOS OMNI	
Registration Number:	5314699	SOFT-VU	
Registration Number:	2863395	HYDRO-TIP	
Registration Number:	2822666	ANGIODYNAMICS	
Registration Number:	3749761	ANGIODYNAMICS	
Registration Number:	5119513	ANGIODYNAMICS	
Registration Number:	2900404	MORPHEUS	
Registration Number:	2917862	SPEEDLYSER	
Registration Number:	3068771	VENACURE	
Registration Number:	2964766	ABSCSSION	
Registration Number:	2982694	ACCU-VU	
Registration Number:	2978022	EVENMORE	
Registration Number:	3204304	TRE-SHEATH	
Registration Number:	3217165	DURATHANE	
Registration Number:	3122045	VAULT	
Registration Number:	3607814	SMART PORT	

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Property Type	Number	Word Mark
Registration Number:	4722504	SMART PORT
Registration Number:	3406322	NEVERTOUCH
Registration Number:	3790595	DURAMAX
Registration Number:	3640982	NANOKNIFE
Registration Number:	3775495	NANOKNIFE IRREVERSIBLE ELECTROPORATION
Registration Number:	3620734	NANOKNIFE
Registration Number:	3798592	NANOKNIFE
Registration Number:	3954994	NANOKNIFE
Registration Number:	5675752	NANOKNIFE
Registration Number:	3659067	NIT-VU
Registration Number:	2307710	RITA
Registration Number:	2739418	STARBURST
Registration Number:	2930432	FLUOROMAX
Registration Number:	2562826	VORTEX
Registration Number:	4679132	EVLТ
Registration Number:	3645354	SPOTLIGHT OPS
Registration Number:	5119443	UNIBLATE
Registration Number:	3857462	VENACURE EVLT
Registration Number:	3857463	VENACURE EVLT
Registration Number:	3857464	VENACURE EVLT
Registration Number:	3848523	
Registration Number:	3944880	VASCPAK
Registration Number:	4335300	ENGINEERED FOR LIFE
Registration Number:	4355358	ENGINEERED FOR LIFE
Registration Number:	4236531	NEOSTAR
Registration Number:	4250957	NEVERTOUCH DIRECT
Registration Number:	4511502	AD ANGIODYNAMICS
Registration Number:	5355284	SMART
Registration Number:	3765000	ANGIOVAC
Registration Number:	5353285	FLEXELITE
Registration Number:	4642302	
Registration Number:	4751648	BIOFLO
Registration Number:	5103418	BIOFLO
Registration Number:	5485529	BIOFLO
Registration Number:	2204695	MICROSULIS
Registration Number:	3078565	SULIS
Registration Number:	5079419	RIGHT PATIENT. RIGHT TIME. RIGHT LINE.
Registration Number:	4544384	BIOSENTRY

Property Type	Number	Word Mark
Registration Number:	4703944	OARTRAC
Registration Number:	4518396	IMMOBILOC
Registration Number:	3866995	REDEFINING RADIATION THERAPY
Registration Number:	3830802	ALATUS
Registration Number:	3441441	RADIADYNE
Registration Number:	5714724	ISOLOC
Registration Number:	1413230	LIFEPORT
Registration Number:	1987883	TRIUMPH-1
Registration Number:	2698638	LIFEVALVE
Registration Number:	2091323	CIRCLE C
Registration Number:	4468947	PASV

CORRESPONDENCE DATA

Fax Number: 2138918763

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.

Email: rhonda.deleon@lw.com

Correspondent Name: Latham & Watkins LLP

Address Line 1: 355 South Grand Avenue

Address Line 4: Los Angeles, CALIFORNIA 90071-1560

ATTORNEY DOCKET NUMBER:	049067-0163
NAME OF SUBMITTER:	Rhonda DeLeon
SIGNATURE:	/Rhonda DeLeon/
DATE SIGNED:	06/05/2019

Total Attachments: 7

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**CONFIRMATORY GRANT OF SECURITY INTEREST
IN UNITED STATES TRADEMARKS**

THIS CONFIRMATORY GRANT OF SECURITY INTEREST IN UNITED STATES TRADEMARKS (as the same may be amended, restated, supplemented or otherwise modified from time to time, the "Confirmatory Grant") is made effective as of June 3, 2019 by and from ANGIODYNAMICS, INC., a Delaware corporation ("Grantor") to and in favor of JPMORGAN CHASE BANK, N.A., for itself and as Administrative Agent for the Secured Parties (as defined in the Credit Agreement referenced below) (in such capacities, "Grantee").

WHEREAS, Grantor, the Lenders and Grantee have entered into a Credit Agreement dated as of June 3, 2019 (as may be amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement").

WHEREAS, certain Subsidiaries of Grantor have guaranteed the repayment of the Secured Obligations pursuant to a Guaranty dated as of June 3, 2019 (as may be amended, restated, supplemented or otherwise modified from time to time).

WHEREAS, Grantor and certain Subsidiaries of Grantor have entered into a Pledge and Security Agreement dated as of June 3, 2019 (as may be amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement").

WHEREAS, Grantor owns the registered or applied for trademarks, service marks and trade dress listed on Exhibit A attached hereto (the "Trademarks").

WHEREAS, this Confirmatory Grant has been granted in conjunction with the security interest granted under the Security Agreement to Grantee for the benefit of the Secured Parties. The rights and remedies of Grantee with respect to the security interest granted herein are without prejudice to and are in addition to those set forth in the Security Agreement and the other Loan Documents, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Confirmatory Grant are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern.

NOW, THEREFORE, in consideration of the mutual covenants and agreements set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is hereby agreed that:

1) Definitions. All capitalized terms not defined herein shall have the respective meaning given to them in the Credit Agreement, or if not defined therein, in the Security Agreement.

2) The Security Interest.

(a) This Confirmatory Grant is made to secure the satisfactory performance and payment of (i) all the Secured Obligations and (ii) all of the obligations and liabilities of the Subsidiary Guarantors under the Credit Agreement. Upon the payment in full of all Secured Obligations (other than Unliquidated Obligations), Grantee shall promptly, upon such satisfaction, execute, acknowledge, and deliver to Grantor all reasonably requested instruments

in writing releasing the security interest in the Trademarks acquired under the Security Agreement and this Confirmatory Grant.

(b) Grantor hereby pledges, assigns and grants to Grantee on behalf of and for the benefit of the Secured Parties a security interest in (1) all of Grantor's right, title and interest in and to the Trademarks now owned or from time to time after the date hereof owned or acquired by Grantor, together with (2) the registrations and applications thereof and the goodwill of the business symbolized by the foregoing, (3) all licenses of the foregoing, whether as licensee or licensor, (4) all renewals of the foregoing, (5) all income, royalties, damages and payments now or hereafter payable with respect thereto, including, without limitation, damages, claims and payments for past or future infringements and dilutions thereof, (6) all rights to sue for past, present or future infringements and dilutions thereof, including the right to settle suits involving claims and demands for royalties owing, and (7) all rights corresponding to any of the foregoing throughout the world.

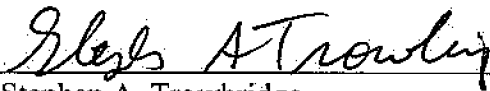
(c) Notwithstanding anything to the contrary herein, this Confirmatory Grant and the security interests granted hereby are subject to the limitations set forth in Article II of the Security Agreement (which are incorporated herein *mutatis mutandis* by this reference).

3) Counterparts. This Confirmatory Grant may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Signature pages may be detached from multiple separate counterparts and attached to a single counterpart.

4) Governing Law. This Confirmatory Grant and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the law of the State of New York.

IN WITNESS WHEREOF, Grantor has executed this Confirmatory Grant effective as of the date first written above.

ANGIODYNAMICS, INC.

By: 
Name: Stephen A. Trowbridge
Title: Senior Vice President and General Counsel

**CONFIRMATORY GRANT OF SECURITY INTEREST
IN UNITED STATES TRADEMARKS**

Exhibit A - SCHEDULE OF TRADEMARKS

MARK / TITLE	COUNTRY	DATE FILED	APPLICATIO N NUMBER	STATUS	REGISTRATION DATE	REGISTR ATION NUMBER	OWNER
Solero (Logo)	US	24-Oct-16	87213413	Live/ Application/ Under Examination			AngioDynamics, Inc.
Solero (word mark)	US	12-Jul-16	87100756	Registered	Apr. 09, 2019	5722693	AngioDynamics, Inc.
Pulse Spray	US	20-Jun-91	74177968	Registered	26-May-92	1688929	AngioDynamics, Inc.
SOS Omni	US	14-Jul-16	87103584	Registered	10-Jan-17	5119527	AngioDynamics, Inc.
Soft-Vu	US	5-Jul-16	87093383	Registered	24-Oct-17	5314699	AngioDynamics, Inc.
Hydro-Tip	US	4-Oct-02	76456072	Registered	13-Jul-04	2863395	AngioDynamics, Inc.
Angiodynamics	US	17-Mar-03	76497558	Registered	16-Mar-04	2822666	AngioDynamics, Inc.
AngioDynamics	US	21-Jul-09	77786077	Registered	16-Feb-10	3749761	AngioDynamics, Inc.
AngioDynamics	US	11-Jul-16	87099675	Registered	10-Jan-17	5119513	AngioDynamics, Inc.
Morpheus	US	10-Feb-03	76488919	Registered	2-Nov-04	2900404	AngioDynamics, Inc.
SpeedLyser	US	15-Sep-03	76544680	Registered	11-Jan-05	2917862	AngioDynamics, Inc.
VenaCure	US	3-Mar-04	76578978	Registered	14-Mar-06	3068771	AngioDynamics, Inc.
Abscession	US	10-Mar-04	76580133	Registered	5-Jul-05	2964766	AngioDynamics, Inc.
Accu-Vu	US	10-Mar-04	76580127	Registered	9-Aug-05	2982694	AngioDynamics, Inc.
Evenmore	US	29-Mar-04	76583628	Registered	26-Jul-05	2978022	AngioDynamics, Inc.
Tre-Sheath	US	26-Aug-04	76608718	Registered	30-Jan-07	3204304	AngioDynamics, Inc.
Durathane	US	29-Sep-05	78723671	Registered	13-Mar-07	3217165	AngioDynamics, Inc.
Vault	US	23-Feb-05	78572825	Registered	25-Jul-06	3122045	AngioDynamics, Inc.

Smart Port	US	6-Feb-07	77100736	Registered	14-Apr-09	3607814	AngioDynamics, Inc.
Smart Port	US	14-Apr-14	86250936	Registered	21-Apr-15	4722504	AngioDynamics, Inc.
NeverTouch	US	30-Mar-07	77144792	Registered	1-Apr-08	3406322	AngioDynamics, Inc.
DuraMax	US	24-Sep-07	77287008	Registered	18-May-10	3790595	AngioDynamics, Inc.
NanoKnife w/ Blue Sphere Design (color)	US	13-Jun-08	77498876	Registered	16-Jun-09	3640982	AngioDynamics, Inc.
NanoKnife Irreversible Electroporation and Blue Sphere Design	US	13-Jun-08	77498835	Registered	13-Apr-10	3775495	AngioDynamics, Inc.
NANOKNIFE (word mark)	US	13-Jun-08	77498941	Registered	12-May-09	3620734	AngioDynamics, Inc.
NanoKnife with Sphere logo in black and white	US	19-Jun-09	77764140	Registered	8-Jun-10	3798592	AngioDynamics, Inc.
NanoKnife (word mark)	US	16-Sep-10	85130851	Registered	3-May-11	3954994	AngioDynamics, Inc.
NanoKnife - NanoKnife (logo with partial text removal)	US	16-Nov-16	87238899	Registered	12-Feb-19	5675752	AngioDynamics, Inc.
Nit-Vu	US	24-Apr-08	77457264	Registered	21-Jul-09	3659067	AngioDynamics, Inc.
Rita	US	20-Nov-96	75202020	Registered	11-Jan-00	2307710	AngioDynamics, Inc.
StarBurst	US	3-Nov-99	75838984	Registered	23-Jul-03	2739418	AngioDynamics, Inc.
Fluoromax	US	15-Mar-04	76580923	Registered	8-Mar-05	2930432	AngioDynamics, Inc.
Vortex	US	20-Sep-99	75804767	Registered	23-Apr-02	2562826	AngioDynamics, Inc.
EVLТ	US	13-Aug-14	86365105	Registered	27-Jan-15	4679132	AngioDynamics, Inc.
Spotlight OPS	US	13-Oct-06	77020683	Registered	30-Jun-09	3645354	AngioDynamics, Inc.
Uniblata	US	13-Jun-16	87068918	Registered	10-Jan-17	5119443	AngioDynamics, Inc.

VenaCure EVLT ((word mark)	US	16-Oct-08	77594460	Registered	5-Oct-10	3857462	AngioDynamics, Inc.
VenaCure EVLT (Leg and Word Logo in Color)	US	16-Oct-08	77594542	Registered	5-Oct-10	3857463	AngioDynamics, Inc.
VenaCure EVLT (Leg Logo in Black/White)	US	16-Oct-08	77594562	Registered	5-Oct-10	3857464	AngioDynamics, Inc.
Venacure Leg Only Logo in Color	US	27-Feb-09	77680492	Registered	14-Sep-10	3848523	AngioDynamics, Inc.
VascPak	US	13-Jan-09	77648398	Registered	12-Apr-11	3944880	AngioDynamics, Inc.
Engineered for Life	US	11-Jan-11	85214713	Registered	14-May-13	4335300	AngioDynamics, Inc.
Engineered for Life	US	14-Jun-12	85651786	Registered	18-Jun-13	4355358	AngioDynamics, Inc.
NeoStar	US	9-Jan-12	85511849	Registered	6-Nov-12	4236531	AngioDynamics, Inc.
NeverTouch Direct	US	3-Aug-11	85388276	Registered	27-Nov-12	4250957	AngioDynamics, Inc.
Angiodynamics (LOGO)	US	11-Jul-12	85673871	Registered	8-Apr-14	4511502	AngioDynamics, Inc.
Smart	US	19-Jun-12	85655168	Registered	12-Dec-17	5355284	AngioDynamics, Inc.
ANGIOVAC	US	16-Jan-09	77651391	Registered	23-Mar-10	3765000	AngioDynamics, Inc.
FlexElite	US	10-Oct-16	87197781	Registered	12-Dec-17	5353285	AngioDynamics, Inc.
BIOFLO (LOGO)	US	9-Sep-13	86059278	Registered	18-Nov-14	4642302	AngioDynamics, Inc.
BIOFLO	US	14-Oct-14	86423436	Registered	9-Jun-15	4751648	AngioDynamics, Inc.
BIOFLO	US	1-Feb-16	86893560	Registered	20-Dec-16	5103418	AngioDynamics, Inc.
BIOFLO (B+W LOGO)	US	18-Oct-17	87649723	Registered	5-Jun-18	5485529	AngioDynamics, Inc.
Microsulis	US	30-Aug-95	74722958	Registered	24-Nov-98	2204695	AngioDynamics, Inc.
Sulis	US	25-Mar-04	78390676	Registered	11-Apr-06	3078565	AngioDynamics, Inc.

Right Patient. Right Time. Right Line.	US	1-Oct-15	86775272	Registered	8-Nov-16	5079419	AngioDynamics, Inc.
BIOSENTRY	US	20-Dec-12	85808191	Registered	3-Jun-14	4544384	AngioDynamics, Inc.
OARTRAC	US	2-Jun-10	85058928	Registered	17-May-15	4703944	AngioDynamics, Inc.
IMMOBILOC	US		85650746	Registered	22-Apr-14	4518396	AngioDynamics, Inc.
REDEFINING RADIATION THERAPY	US	16-Mar-10	77959891	Registered	26-Oct-10	3866995	AngioDynamics, Inc.
Alatus	US	8-Oct-09	77844052	Registered	10-Aug-10	3830802	AngioDynamics, Inc.
Radiadyne	US	4-Dec-06	77056301	Registered	3-Jun-08	3441441	AngioDynamics, Inc.
IsoLoc	US	21-Aug-18	88086550	Registered	2-Apr-19	5714724	AngioDynamics, Inc.
LifePort	US	3-Mar-86	73585879	Registered	14-Oct-86	1413230	AngioDynamics, Inc.
Triumph-1	US	19-Apr-94	74516038	Registered	23-Jul-96	1987883	AngioDynamics, Inc.
LIFEVALVE	US	21-Nov-01	76340819	Registered	18-Mar-03	2698638	AngioDynamics, Inc.
CIRCLE C	US	27-Sep-96	75173347	Registered	26-Aug-97	2091323	AngioDynamics, Inc.
PASV	US	11-Dec-12	85799687	Registered	21-Jan-14	4468947	AngioDynamics, Inc.