

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7801477

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
SEQUENT MEDICAL, INC.		02/14/2023
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	MICROVENTION, INC.	
<b>Street Address:</b>	35 ENTERPRISE	
<b>City:</b>	ALISO VIEJO	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	92656	
<b>PROPERTY NUMBERS Total: 71</b>		
<b>Property Type</b>	<b>Number</b>	
Application Number:	13275264	
Application Number:	13570499	
Application Number:	13871372	
Application Number:	14330990	
Application Number:	13608882	
Application Number:	13890067	
Application Number:	14329582	
Application Number:	15377762	
Application Number:	16287878	
Application Number:	17130224	
Application Number:	17830959	
Application Number:	15463866	
Application Number:	12434465	
Application Number:	13771632	
Application Number:	15656879	
Application Number:	16803515	
Application Number:	61050124	
Application Number:	12602997	
Application Number:	13415676	
Application Number:	13794473	

Property Type	Number
Application Number:	13915568
Application Number:	13915575
Application Number:	13915588
Application Number:	14044349
Application Number:	14869688
Application Number:	15595660
Application Number:	17518909
Application Number:	18077514
Application Number:	60941916
Application Number:	60941928
Application Number:	60948683
Application Number:	60971366
Application Number:	61044822
Application Number:	14684212
Application Number:	15404492
Application Number:	16373476
Application Number:	61979416
Application Number:	62093313
Application Number:	14684079
Application Number:	15934828
Application Number:	17176634
Application Number:	14459638
Application Number:	14743627
Application Number:	14871352
Application Number:	15071632
Application Number:	15336634
Application Number:	16163287
Application Number:	17028037
Application Number:	61866993
Application Number:	13464743
Application Number:	61483032
Application Number:	15453581
Application Number:	17176744
Application Number:	62307123
Application Number:	16816436
Application Number:	18092985
Application Number:	62819296
Application Number:	16817032

Property Type	Number
Application Number:	17730625
Application Number:	62819309
Application Number:	16816784
Application Number:	17685631
Application Number:	62819317
PCT Number:	US1254517
PCT Number:	US0942592
PCT Number:	US1525609
PCT Number:	US1525613
PCT Number:	US1721577
PCT Number:	US2022275
PCT Number:	US2022364
PCT Number:	US2022319

#### CORRESPONDENCE DATA

##### Fax Number:

*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: 9495022870

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Correspondent Name: DIANE K. PANG

Address Line 1: 23 CORPORATE PLAZA

Address Line 2: SUITE 150

Address Line 4: NEWPORT BEACH, CALIFORNIA 92660

ATTORNEY DOCKET NUMBER:	SEQUENT TO MV
NAME OF SUBMITTER:	DIANE K. PANG, REG. NO. 54,550
SIGNATURE:	/DIANE K. PANG/
DATE SIGNED:	02/15/2023

#### Total Attachments: 9

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## PATENT ASSIGNMENT

WHEREAS, **SEQUENT MEDICAL, INC.**, a corporation, having a registered office at 35 Enterprise, Aliso Viejo, CA 92656, (referred to herein as an "ASSIGNOR" in this document) is the rightful owner of the inventions disclosed and claimed in the applications listed in Schedule A (the "APPLICATIONS");

WHEREAS, ASSIGNOR has received or assigned certain rights in the above-identified APPLICATIONS;

WHEREAS, **MICROVENTION, INC.**, a corporation, having a registered office at 35 Enterprise, Aliso Viejo, CA 92656 ("ASSIGNEE") is desirous of obtaining above-referenced ASSIGNOR'S entire right, title and interest in, to and under the said inventions, the said applications, and corresponding applications worldwide, if any;

NOW, THEREFORE, in exchange for good and valuable consideration to ASSIGNOR, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, his or her entire, worldwide right, title and interest in, to and under the APPLICATIONS, including, without limitation: any divisions, continuations, continuations-in-part, renewals, reexaminations, and reissues thereof, and all inventions and improvements disclosed and described therein, any corresponding (in whole or in part) future United States or foreign patents and patent applications, the right to claim any applicable priority rights arising from the foregoing or otherwise required for said corresponding future United States or foreign patents and applications under the terms of any applicable conventions, treaties, statutes, or regulations, and all associated rights to sue for and recover any damages or other remedies arising from any and all claims of past, present, and/or future infringement, misappropriation or other violation thereof (collectively "the Patent Rights"), the same to be held and enjoyed by Assignee, its successors and assigns from and after the date hereof as fully and entirely as the same would have been held and enjoyed by Assignor had this Patent Assignment Agreement not been made.

ASSIGNOR authorizes and requests the United States Patent Office, and any office and official of any country or international organization, whose duty it is to issue patents or other evidence or forms of intellectual or industrial property protection, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

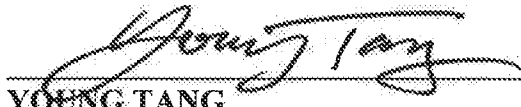
ASSIGNOR covenants and agrees that it has the full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any assignment or agreement in conflict herewith;

ASSIGNOR hereby acknowledges that the terms and provisions of this Patent Assignment and the respective rights and obligations of ASSIGNOR and rights of ASSIGNEE hereunder shall be binding upon, and inure to the benefit of, their respective successors and assigns.

Except to the extent that federal law preempts state law with respect to the matters covered hereby, the making, performance, interpretation, and construction of this Patent Assignment shall be determined and governed exclusively by and in accordance with the laws of the State of New York, exclusive of any conflict of law rules which may refer to the laws of another jurisdiction.

In witness whereof, ASSIGNOR and ASSIGNEE have affixed signatures of their authorized officers or representatives and dates so affixed:

WITNESS my hand at Aliso Viejo, California, this 14 day of Feb., 2023.

  
YOUNG TANG

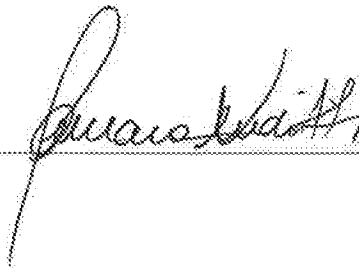
Director of Intellectual Property  
Sequent Medical, Inc.

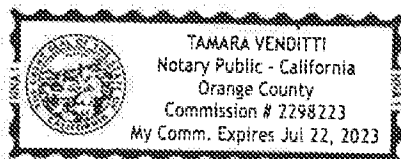
STATE OF CALIFORNIA                    )  
  ) SS  
COUNTY OF Orange                    )

On February 14, 2023 before me, Tamara Venditti, a notary public, personally appeared YOUNG TANG, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing is true and correct. Witness my hand and official seal.

WITNESS my hand and official seal

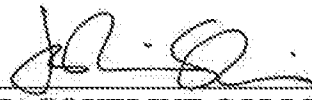
Signature





(Seal)

WITNESS my hand at Aliso Viejo, California, this 14 day of February, 2023.

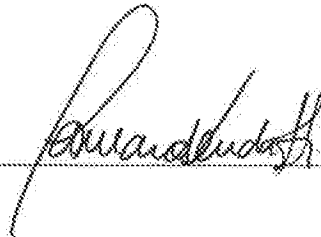
  
\_\_\_\_\_  
**JACQUELINE COLLINS**  
General Counsel  
Microvention, Inc.

STATE OF CALIFORNIA                    )  
  ) SS  
COUNTY OF Orange                    )

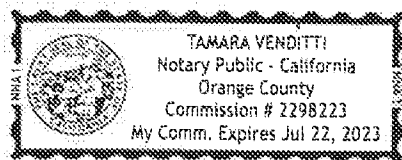
On February 14, 2023 before me, Tamara Venditti, a notary public, personally appeared **JACQUELINE COLLINS**, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing is true and correct. Witness my hand and official seal.

WITNESS my hand and official seal

Signature \_\_\_\_\_



(Seal)



**SCHEDULE A**  
Sequent Master Matter Listing

One LLP Matter No.	MV Ref No.	Old MV Ref No.	Country	Application Status	Application Number	Filing Date	Patent Number	Issue Date	Title
SEQME.001		775988-002	US	Granted	13/275,264	17-Oct-2011	8261648	11-Sep-2012	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.C1		775988-003	US	Granted	13/570,499	09-Aug-2012	8430012	30-Apr-2013	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.C1C1		775988-008	US	Granted	13/871,372	26-Apr-2013	8820207	02-Sep-2014	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.C1C1C1		775988-021	US	Granted	14/330,990	14-Jul-2014	9631303	25-Apr-2017	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.C1X1		775988-004	US	Granted	13/608,882	10-Sep-2012	8826791	09-Sep-2014	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.C1X1C1		775988-009	US	Granted	13/890,067	08-May-2013	8833224	16-Sep-2014	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.C1X1C2		775988-020	US	Granted	14/329,582	11-Jul-2014	9528205	27-Dec-2016	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.C1X1C3		775988-059	US	Granted	15/377,762	13-Dec-2016	10260182	16-Apr-2019	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.C1X1C4		775988-078	US	Granted	16/287,878	27-Feb-2019	10907283	2-Feb-21	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.C1X1C5		775988-099	US	Granted	17/130,224	22-Dec-20	11352724	7-Jun-22	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.C1X1C6		775988-134	US	Pending	17/830,959	2-Jun-22			BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.C4		775988-071	US	Granted	15/463,866	20-Mar-2017	10260183	16-Apr-2019	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.CN		775988-016	CN	Granted	201280050940.0	10-Sep-2012	CN103975101	07-Sep-2016	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.CN.D1		775988-060	CN	Granted	201610632545.3	10-Sep-2012	CN106192198	05-Jun-2020	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.DE		775988-017	DE	Granted	6020120320834	10-Sep-2012	EP2769012	03-May-2017	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.EP		775988-017	EP	Granted	128413440	10-Sep-2012	EP2769012	03-May-2017	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.FR		775988-017	FR	Granted	128413440	10-Sep-2012	EP2769012	03-May-2017	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.GB		775988-017	GB	Granted	128413440	10-Sep-2012	EP2769012	03-May-2017	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.JP		775988-018	JP	Granted	2014-537064	10-Sep-2012	6133307	24-May-2017	BRAIDING MECHANISM AND METHODS OF USE
SEQME.001.WO		775988-005	WO	Inactive	PCT/US12/54517	10-Sep-2012			BRAIDING MECHANISM AND METHODS OF USE
SEQME.002		775988-011	US	Granted	12/434,465	01-May-2009	9597087	21-Mar-2017	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.AU		775988-025	AU	Granted	2009242528	01-May-2009	2009242528	10-Dec-2015	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.AU.D1		775988-056	AU	Granted	2016201406	01-May-2009	2016201406	10-Aug-2017	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.BR		775988-026	BR	Granted	P10911923-0	01-May-2009	0911923-0	10-Mar-2020	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.C1		775988-006	US	Abandoned	13/771,632	20-Feb-2013			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS

One LLP Matter No.	MV Ref No.	Old MV Ref No.	Country	Application Status	Application Number	Filing Date	Patent Number	Issue Date	Title
SEQME.002.C1C1		775988-075	US	Granted	15/656,879	21-Jul-2017	10610231	07-Apr-2020	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.C1C2		775988-091	US	Pending	16/803,515	27-Feb-2020			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.CA		775988-027	CA	Granted	2722672	01-May-2009	2722672	22-Oct-2019	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.CA.D1		775988-081	CA	Granted	3048277	01-May-2009	3048277	21-Jun-2022	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.CN		775988-028	CN	Abandoned	200980120376.3	01-May-2009			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.CN.D1		775988-069	CN	Abandoned	201611040462.1	01-May-2009			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.EP		775988-029	EP	Granted	097399687	01-May-2009	2279023	02-Dec-2020	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.DE		775988-029	DE	Granted	097399687	01-May-2009	2279023	02-Dec-2020	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.FR		775988-029	FR	Granted	097399687	01-May-2009	2279023	02-Dec-2020	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.GB		775988-029	GB	Granted	097399687	01-May-2009	2279023	02-Dec-2020	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.IN		775988-030	IN	Granted	7589/DEINP/2010	01-May-2009	324387	04-Nov-2019	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.JP		775988-031	JP	Abandoned	2011-507695	01-May-2009			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.JP.D1		775988-032	JP	Granted	2013-254666	01-May-2009	5797253	21-Oct-2015	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.JP.D2		775988-052	JP	Granted	2015-132364	01-May-2009	6124952	14-Apr-2017	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.JP.D3		775988-070	JP	Granted	2016-234685	01-May-2009	6529083	24-May-2019	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.JP.D4		775988-079	JP	Pending	2019-42955	01-May-2009			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.JP.D5		775988-097	JP	Abandoned	2020-89535	22-May-20			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.JP.D6		775988-143	JP	Pending	2022-169903	22-Nov-22			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.P1			US	Expired	61/050,124	02-May-2008			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.002.WO		775988-024	WO	Inactive	PCT/US09/42592	01-May-2009			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.003		775988-010	US	Abandoned	12/602,997	08-Oct-2010			METHODS AND DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.003.C1		775988-044	US	Abandoned	13/415,676	08-Mar-2012			METHODS AND DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.003.C1C1		775988-007	US	Abandoned	13/794,473	11-Mar-2013			METHODS AND DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.003.C1C1C1		775988-012	US	Abandoned	13/915,568	11-Jun-2013			METHODS AND DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.003.C1C1C2		775988-013	US	Abandoned	13/915,575	11-Jun-2013			METHODS AND DEVICES FOR TREATMENT OF VASCULAR DEFECTS



One LLP Matter No.	MV Ref No.	Old MV Ref No.	Country	Application Status	Application Number	Filing Date	Patent Number	Issue Date	Title
SEQME.003.C1C1C3		775988-014	US	Granted	13/915,588	11-Jun-2013	9259337	16-Feb-2016	METHODS AND DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.003.C1C1C4		775988-015	US	Abandoned	14/044,349	02-Oct-2013			METHODS AND DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.003.C1C1C4C1		775988-022	US	Abandoned	14/869,688	25-Sep-2015			METHODS AND DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.003.C1C1C4C2		775988-074	US	Granted	15/595,660	15-May-2017	11179159	23-Nov-2021	METHODS AND DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.003.C1C1C4C3		775988-125	US	Pending	17/518,909	4-Nov-21			METHODS AND DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.003.C1C1C4C4		775988-142	US	Pending	18/077,514	8-Dec-22			METHODS AND DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.003.DE		775988-023	DE	Granted	6020080493563	03-Jun-2008	EP2157937	22-Mar-2017	DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.003.EP		775988-023	EP	Granted	08/700704	03-Jun-2008	EP2157937	22-Mar-2017	DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.003.FR		775988-023	FR	Granted	08/700704	03-Jun-2008	EP2157937	22-Mar-2017	DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.003.GB		775988-023	GB	Granted	08/700704	03-Jun-2008	EP2157937	22-Mar-2017	DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.003.P1		775988-038	US	Expired	60/941,916	04-Jun-2007			APPARATUS AND METHODS FOR POSITIONING AND DELIVERY OF ENDOLUMINAL MEDICAL DEVICES
SEQME.003.P2		775988-039	US	Expired	60/941,928	04-Jun-2007			METHOD AND APPARATUS FOR TREATMENT OF A VASCULAR DEFECT
SEQME.003.P3		775988-040	US	Expired	60/948,683	09-Jul-2007			VASCULAR OCCLUSION DEVICE
SEQME.003.P4		775988-041	US	Expired	60/971,366	11-Sep-2007			METHOD AND APPARATUS FOR TREATMENT OF A VASCULAR DEFECT
SEQME.003.P5		775988-042	US	Expired	61/044,822	14-Apr-2008			METHODS AND DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.003.WO			WO	Inactive	PCT/US08/65694	03-Jun-2008			METHODS AND DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.004		775988-048	US	Granted	14/684,212	10-Apr-2015	9629635	25-Apr-2017	DEVICES FOR THERAPEUTIC VASCULAR PROCEDURES
SEQME.004.C1		775988-054	US	Abandoned	15/404,492	12-Jan-2017			DEVICES FOR THERAPEUTIC VASCULAR PROCEDURES
SEQME.004.C1C1		775988-080	US	Pending	16/373,476	02-Apr-2019			DEVICES FOR THERAPEUTIC VASCULAR PROCEDURES
SEQME.004.CN		775988-066	CN	Abandoned	2015800287146	13-Apr-2015			DEVICES FOR THERAPEUTIC VASCULAR PROCEDURES
SEQME.004.CN.X1		775988-063	CN	Granted	201580031567.8	05-Jun-2015	106413590	20-Mar-2020	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.004.CN.X1.D1		775988-089	CN	Pending	202010103423.1	20-Feb-2020			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.004.EP		775988-067	EP	Abandoned	15/798109	13-Apr-2015			DEVICES FOR THERAPEUTIC VASCULAR PROCEDURES
SEQME.004.EP.X1		775988-064	EP	Pending	15/792258	05-Jun-2015			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS

Sequent Master Matter Listing

One LLP Matter No.	MV Ref No.	Old MV Ref No.	Country	Application Status	Application Number	Filing Date	Patent Number	Issue Date	Title
SEQME.004.JP		775988-068	JP	Granted	2016-562548	13-Apr-2015	6594898	04-Oct-2019	DEVICES FOR THERAPEUTIC VASCULAR PROCEDURES
SEQME.004.JP.X1		775988-065	JP	Abandoned	2016-562549	05-Jun-2015			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.004.JP.X1D1		775988-076	JP	Granted	2018-106965	05-Jun-2015	7176638	11-Nov-2022	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.004.JPX1D2		775988-096	JP	Abandoned	2020-103569	5-Jun-15			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.004.JPX1D3		775988-138	JP	Pending	2022-141336	6-Sep-22			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.004.P1		775988-019	US	Expired	61/979,416	14-Apr-2014			DEVICES FOR THERAPEUTIC VASCULAR PROCEDURES
SEQME.004.P2		775988-037	US	Expired	62/093,313	17-Dec-2014			DEVICES FOR THERAPEUTIC VASCULAR PROCEDURES
SEQME.004.WO		775988-049	WO	Inactive	PCT/US15/25609	13-Apr-2015			DEVICES FOR THERAPEUTIC VASCULAR PROCEDURES
SEQME.004.WO.X1		775988-047	WO	Inactive	PCT/US15/25613	05-Jun-2015			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.004.X1		775988-046	US	Granted	14/684,079	10-Apr-2015	9955976	01-May-2018	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.004.X1C1		775988-053	US	Granted	15/934,828	23-Mar-2018	10939914	09-Mar-2021	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.004.X1C2		775988-107	US	Pending	17/176,634	16-Feb-21			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.005		775988-036	US	Granted	14/459,638	14-Aug-2014	9078658	14-Jul-2015	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.005.C1		775988-050	US	Granted	14/743,627	18-Jun-2015	9198670	01-Dec-2015	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.005.C1C1		775988-051	US	Granted	14/871,352	30-Sep-2015	9295473	29-Mar-2016	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.005.C1C1C1		775988-057	US	Granted	15/071,632	16-Mar-2016	9492174	15-Nov-2016	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.005.C4		775988-062	US	Granted	15/336,634	27-Oct-2016	10136896	27-Nov-2018	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.005.C5		775988-077	US	Pending	16/163,287	17-Oct-2018			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.005.C6		775988-098	US	Pending	17/028,037	22-Sep-20			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.005.P1		775988-035	US	Expired	61/866,993	16-Aug-2013			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.006		775988-034	US	Abandoned	13/464,743	04-May-2012			METHOD AND APPARATUS FOR THE TREATMENT OF LARGE AND GIANT VASCULAR DEFECTS
SEQME.006.P1		775988-033	US	Expired	61/483,032	05-May-2011			METHOD AND APPARATUS FOR THE TREATMENT OF LARGE AND GIANT VASCULAR DEFECTS
SEQME.007		775988-072	US	Granted	15/453,581	08-Mar-2017	10952739	23-Mar-21	SYSTEMS AND METHODS FOR DELIVERY OF STENTS AND STENT-LIKE DEVICES

Sequent Master Matter Listing

One LLP Matter No.	MV Ref No.	Old MV Ref No.	Country	Application Status	Application Number	Filing Date	Patent Number	Issue Date	Title
SEQME.007.C1		775988-106	US	Pending	17/176,744	16-Feb-21			SYSTEMS AND METHODS FOR DELIVERY OF STENTS AND STENT-LIKE DEVICES
SEQME.007.P1		775988-058	US	Expired	62/307,123	11-Mar-2016			SYSTEMS AND METHODS FOR DELIVERY OF STENTS AND STENT-LIKE DEVICES
SEQME.007.WO		775988-073	WO	Abandoned	PCT/US17/21577	09-Mar-2017			SYSTEMS AND METHODS FOR DELIVERY OF STENTS AND STENT-LIKE DEVICES
SEQME.010	2019-6-US	775988-083	US	Granted	16/816,436	12-Mar-20	11559309	24-Jan-23	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.010.C1	2019-6-US-CON	775988-132	US	Pending	18/092,985	4-Jan-23			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.010.CN	2016-6-CN	775988-113	CN	Pending	202080020628.1	13-Sep-21			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.010.EP	2019-6-EP	775988-114	EP	Pending	20773617.4	11-Aug-21			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.010.JP	2019-6-JP	775988-115	JP	Pending	2021-555222	13-Sep-21			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.010.P1	2019-6-PRV		US	Expired	62/819,296	15-Mar-19			OCCCLUSION
SEQME.010.WO	2019-6-PCT	775988-093	WO	Inactive	PCT/US20/22275	12-Mar-20			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.011	2019-7-US	775988-084	US	Granted	16/817,032	20-Mar-20	11317921	3-May-22	FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.011.C1	2019-7-US-CON	775988-132	US	Pending	17/730,625	27-Apr-22			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.011.CN	2019-7-CN	775988-116	CN	Pending	202080020972.0	14-Sep-21			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.011.EP	2019-7-EP	775988-117	EP	Pending	20774329.5	11-Aug-21			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.011.JP	2019-7-JP	775988-118	JP	Pending	2021-555224	13-Sep-21			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.011.P1	2019-7-PRV		US	Expired	62/819,309	15-Mar-19			OCCCLUSION
SEQME.011.WO	2019-7-PCT	775988-094	WO	Inactive	PCT/US20/22364	12-Mar-20			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.012	2019-5-US	775988-085	US	Granted	16/816,784	12-Mar-20	11291453	5-Apr-22	FILAMENTARY DEVICES HAVING A FLEXIBLE JOINT FOR TREATMENT OF VASCULAR DEFECTS
SEQME.012.C1	2019-5-US-CON	775988-131	US	Pending	17/685,631	3-Mar-22			FILAMENTARY DEVICES HAVING A FLEXIBLE JOINT FOR TREATMENT OF VASCULAR DEFECTS
SEQME.012.CN	2019-5-CN	775988-119	CN	Pending	202080020689.8	13-Sep-21			FILAMENTARY DEVICES FOR TREATMENT OF VASCULAR DEFECTS
SEQME.012.EP	2019-5-EP	775988-120	EP	Pending	20772998.9	11-Aug-21			FILAMENTARY DEVICES HAVING A FLEXIBLE JOINT FOR TREATMENT OF VASCULAR DEFECTS
SEQME.012.JP	2019-5-JP	775988-121	JP	Pending	2021-555223	13-Sep-21			FILAMENTARY DEVICES HAVING A FLEXIBLE JOINT FOR TREATMENT OF VASCULAR DEFECTS
SEQME.012.P1	2019-5-PRV		US	Expired	62/819,317	15-Mar-19			OCCCLUSION

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One LLP Matter No.	MV Ref No.	Old MV Ref No.	Country	Application Status	Application Number	Filing Date	Patent Number	Issue Date	Title
SEQME.012.WO	2019-5-PCT	775988-095	WO	Inactive	PCT/US20/22319	12-Mar-20			FILAMENTARY DEVICES HAVING A FLEXIBLE JOINT FOR TREATMENT OF VASCULAR DEFECTS