

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT8300780

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
XTRACT MEDICAL, INC.	11/16/2023
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PENUMBRA, INC.
<b>Street Address:</b>	ONE PENUMBRA PLACE
<b>City:</b>	ALAMEDA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94502
<b>PROPERTY NUMBERS Total: 18</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	62641948
Application Number:	62793498
Application Number:	16443820
Application Number:	16790268
Application Number:	63030598
Application Number:	63150211
Application Number:	63197227
Application Number:	63225259
Application Number:	63288272
Application Number:	63315764
Application Number:	63359990
Application Number:	63415201
Application Number:	17928130
Application Number:	63431127
Application Number:	18103169
Application Number:	63466284
Application Number:	18217493
Application Number:	63524788
<b>CORRESPONDENCE DATA</b>	

**Fax Number:** (816)753-1536

***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:** 8167531000

**Email:** uspt@polsinelli.com, dcarrera@polsinelli.com

**Correspondent Name:** POLSINELLI PC

**Address Line 1:** P.O. BOX 140310

**Address Line 4:** KANSAS CITY, MISSOURI 64114-0310

<b>ATTORNEY DOCKET NUMBER:</b>	124245-777782
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<b>NAME OF SUBMITTER:</b>	DONNA CARRERA
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<b>SIGNATURE:</b>	/Donna Carrera for David Mika/
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<b>DATE SIGNED:</b>	11/29/2023
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**Total Attachments: 6**

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**PATENT ASSIGNMENT****PARTIES TO THE ASSIGNMENT:****Assignor:**

Xtract Medical, Inc. ("Xtract")  
One Penumbra Place  
Alameda, CA 94502  
USA  
State of Incorporation: Delaware

**Assignee:**

Penumbra, Inc. ("Penumbra")  
One Penumbra Place  
Alameda CA 94502  
USA  
State of Incorporation: Delaware

**PATENT FILINGS SUBJECT TO ASSIGNMENT:**

See "SCHEDULE A – LIST OF PATENT FILINGS SUBJECT TO  
ASSIGNMENT" (the "Patent Filings")

WHEREAS, Xtract, a corporation organized and existing under the laws of the State indicated above, and having its principal place of business at the address indicated above, is the owner of all right, title, and interest in and to one or more new and useful processes, methods, machines, devices, systems, manufactures, and/or compositions of matter, or new and useful improvements thereof (the "Invention"), disclosed and described in the Patent Filings indicated and identified above;

WHEREAS, Penumbra, a corporation organized and existing under the laws of the State indicated above, and having its principal place of business at the address indicated above, desires to acquire the entire right, title, and interest of Xtract in and to the Invention, the Patent Filings, and in, to, and under any and all patents to be obtained therefor; and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Xtract has sold, assigned, and transferred and does hereby sell, assign, and transfer to Penumbra, its successors, legal representatives, and assigns, the entire right, title and interest in and to the Invention, the Patent Filings, and all provisional, divisional, continuation, continuation-in-part, continuing prosecution, reexamination, and reissue applications thereof or that claim priority thereto; all international, regional, and foreign applications that claim priority to, are counterparts of, or otherwise correspond thereto; patents, both foreign and domestic, that may or shall issue, or may or shall have issued, therefrom; any extensions or renewals thereof; and any right, title, or interest in and to the Invention under any international conventions (collectively "the Patent Rights"); and

124245-777782

Xtract further authorizes Penumbra, its successors, and assigns, or anyone it may properly designate, to apply for patents in the U.S. and any and all foreign countries and regions, in its own name if desired, and additionally to claim priority to the filing dates of the Patent Filings and otherwise take advantage of the provisions of any international conventions; and

Xtract hereby authorizes and requests transfer of the Patent Filings, and any further applications, which may be or shall have been filed under the Patent Rights, to Penumbra in accordance herewith and further authorizes and requests any official of any State whose duty consists of issuing patents or other evidence or forms of any industrial property protection issuing from the Patent Filings and all related applications, to issue same to Penumbra, its successors, and assigns in accordance herewith;

Xtract represents and warrants that Xtract has the right, title, and authority to execute this Assignment and to convey all right, title, and interest in the Patent Rights, and that Xtract has not conveyed nor will convey hereafter all or part of the Patent Rights to a third party; and

Xtract hereby covenants and agrees with Penumbra, its successors and assigns, that Xtract will not execute in writing or do any act whatsoever conflicting with these representations, and that Xtract, Xtract's successors, legal representatives, or administrators will at any time upon request, without further or additional consideration, but at the expense of Penumbra, its successors, and assigns, execute such additional writings and do such additional acts as Penumbra, its successors, and assigns, may deem necessary or desirable to perfect Penumbra's enjoyment of this grant, and render all necessary assistance in making application for, obtaining, and enforcing any of the Patent Rights, including giving testimony in any proceedings or transactions involving such Patent Rights.

124245-777782

IN WITNESS WHEREOF, Xtract hereunto has executed this Assignment upon the date indicated below.

ASSIGNOR: XTRACT MEDICAL, INC.

Dated: 11/16/2023

DocuSigned by:

Johanna Roberts

0EB8426BDEF046E

By: Johanna Roberts

General Counsel and Secretary

124245-777782

Penumbra hereby acknowledges and accepts the foregoing assignment of rights by Xtract.

IN TESTIMONY WHEREOF, Penumbra, by its undersigned representative, confirms its acceptance on the date set forth below.

ASSIGNEE: PENUMBRA, INC.

Dated: 11/16/2023

DocuSigned by:

Johanna Roberts

6EB8428BDEF846E

By: Johanna Roberts  
Executive Vice President, General Counsel and  
Secretary

**SCHEDULE A – LIST OF PATENT APPLICATIONS SUBJECT TO ASSIGNMENT****Domestic (US) Filings**

App. No.	Filing Date	Type	Patent No.	Grant Date	Title
62/641,948	12-Mar-2018	Provisional	-	-	TREATMENT DEVICE AND METHOD
62/793,498	17-Jan-2019	Provisional	-	-	TREATMENT DEVICE AND METHOD
16/443,820	17-Jun-2019	Non-provisional	10,624,659	21-Apr-2020	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT
16/790,268	13-Feb-2020	Non-provisional	11,589,882	28-Feb-2023	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT
63/030,598	27-May-2020	Provisional	-	-	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT
63/150,211	17-Feb-2021	Provisional	-	-	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT
63/197,227	04-Jun-2021	Provisional	-	-	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT
63/225,259	23-Jul-2021	Provisional	-	-	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT
63/288,272	10-Dec-2021	Provisional	-	-	DEVICES AND METHODS FOR RESTRICTING FLOW IN VESSELS AND REMOVING MATERIAL FROM VESSELS
63/315,764	02-Mar-2022	Provisional	-	-	DEVICE AND METHODS FOR ADMINISTERING AND REMOVING MATERIAL FROM A PATIENT
63/359,990	11-Jul-2022	Provisional	-	-	DEVICES AND METHODS FOR REMOVING UNWANTED MATERIAL FROM A PATIENT
63/415,201	11-Oct-2022	Provisional	-	-	DEVICES AND METHODS FOR REMOVING UNWANTED MATERIAL FROM A PATIENT

124245-777782

17/928,130	28-Nov-2022	Non-provisional	-	-	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT
63/431,127	08-Dec-2022	Provisional	-	-	DEVICES AND METHODS FOR RESTRICTING FLOW IN VESSELS AND REMOVING MATERIAL FROM VESSELS
18/103,169	30-Jan-2023	Non-provisional	-	-	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT
63/466,284	13-May-2023	Provisional	-	-	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT
18/217,493	30-Jun-2023	Non-provisional	-	-	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT
63/524,788	03-Jul-2023	Provisional	-	-	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT

### International and Foreign Filings

App. No.	Filing Date	Jurisdiction	Title
PCT/US2019/021943	12-Mar-2019	PCT/International	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT
277002	30-Aug-2020	Israel	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT
2021-500017	12-Sep-2020	Japan	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT
19767116.7	12-Oct-2020	Europe	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT
201980031961.X	12-Nov-2020	China	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT
PCT/US2021/034429	27-May-2021	PCT/International	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT
PCT/US2023/063580	02-Mar-2023	PCT/International	DEVICES AND METHODS FOR REMOVING MATERIAL FROM A PATIENT

PATENT

RECORDED: 11/29/2023

REEL: 065703 FRAME: 0273