PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM S. MURPHY	07/20/2023

RECEIVING PARTY DATA

Name:	SURGICAL PLANNING ASSOCIATES INC.	
Street Address:	47 HIGH STREET #192	
City:	MEDFORD	
State/Country:	MASSACHUSETTS	
Postal Code:	02155	

PROPERTY NUMBERS Total: 5

Property Type	Number
Application Number:	61830263
Application Number:	61901341
Application Number:	61901580
Application Number:	14294702
Application Number:	15995432

CORRESPONDENCE DATA

Fax Number: (617)951-3927

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: 617-951-2500

Email: docket@c-m.com, merisa@c-m.com

Correspondent Name: CESARI AND MCKENNA, LLP

Address Line 1: ONE LIBERTY SQUARE

Address Line 2: SUITE 310

Address Line 4: BOSTON, MASSACHUSETTS 02109

NAME OF SUBMITTER: MICHAEL REINEMANN SIGNATURE: /Michael Reinemann/ DATE SIGNED: 08/23/2023	ATTORNEY DOCKET NUMBER:	103068-19R19R219R319U19C1	
	NAME OF SUBMITTER:	MICHAEL REINEMANN	
DATE SIGNED: 08/23/2023	SIGNATURE:	/Michael Reinemann/	
	DATE SIGNED:	08/23/2023	

Total Attachments: 2

PATENT REEL: 064681 FRAME: 0139 source=41H8185#page1.tif source=41H8185#page2.tif

> PATENT REEL: 064681 FRAME: 0140

ASSIGNMENT

Whereas I, William S. Murphy, whose residence address is 61 Wedgemere Avenue, Winchester, MA, 01890, have, together with Stephen B. Murphy, M.D., made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled METHOD AND APPARATUS FOR PERFORMING ANTERIOR HIP SURGERY, identified by Cesari and McKenna File No. 103068–0019R, the specification of which was filed on June 3, 2013 and accorded Serial No. 61/830,263; and have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled METHOD AND APPARATUS FOR PERFORMING ANTERIOR HIP SURGERY, identified by Cesari and McKenna File No. 103068–0019U, the specification of which was filed on June 3, 2014 and accorded Serial No. 14/294,702; and

Whereas Surgical Planning Associates Inc., a Massachusetts corporation, with a place of business at 47 High Street, #192, Medford, MA 02155, and which together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I, hereby, without reservation:

- 1. Assign, transfer and convey to Assignee my entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all provisional, divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct; ADEMARCH ORBITAL ORBITAL
- Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;
- 5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration

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PATENT REEL: 064681 FRAME: 0141 to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which I have executed this Assignment on the date indicated next to my name.

7/20/23

Date

William S. Murphy, Inventor

Date

Surgical Planning Associates Inc., Assignee

Jacq 24, 2025

MARY NEINER GRESICK
NOTARY PUBLIC - NOTARY SEAL
STATE OF MISSOURI
COMMISSIONED FOR ST. LOUIS COUNTY
MY COMMISSION EXPIRES MAR. 22, 2025
ID #13326069