

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: PATI939456

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Niall Patrick Casey	07/28/2023
Jeffery Pennal	07/27/2023
Rodrigo Junqueira Nicolau	08/10/2023
Matthew Chen	08/09/2023
<b>RECEIVING PARTY DATA</b>	
<b>Company Name:</b>	Carlsmed, Inc.
<b>Street Address:</b>	1800 Aston Avenue
<b>Internal Address:</b>	Suite 100
<b>City:</b>	Carlsbad
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92008
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	18102444
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	2063599398
<i>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.</i>	
<b>Phone:</b>	(206)359-8398
<b>Email:</b>	Patentprocurement@perkinscoie.com,perkinscoie@blackhillsip.com
<b>Correspondent Name:</b>	Anndreya Perez
<b>Address Line 1:</b>	P.O. Box 1247
<b>Address Line 2:</b>	PATENT-SEA
<b>Address Line 4:</b>	Seattle, WASHINGTON 98111-1247
<b>ATTORNEY DOCKET NUMBER:</b>	127398.8037.US00
<b>NAME OF SUBMITTER:</b>	Anndreya Perez
<b>SIGNATURE:</b>	/Anndreya Perez/
<b>DATE SIGNED:</b>	04/07/2025
<b>Total Attachments: 3</b>	

source=Executed\_Assignment\_127398.8037.US00 p.1-7#page1.tiff  
source=Executed\_Assignment\_127398.8037.US00 p.1-7#page2.tiff  
source=Executed\_Assignment\_127398.8037.US00 p.1-7#page3.tiff

## ASSIGNMENT BY INVENTORS

This Assignment is by the following individuals (the "Assignor(s)"):

- **Niall Patrick Casey** having a mailing address of 1800 Aston Avenue, Suite 100, Carlsbad, CA 92008;
- **Jeffery Pennal** having a mailing address of 1800 Aston Avenue, Suite 100, Carlsbad, CA 92008;
- **Rodrigo Junqueira Nicolau** having a mailing address of 1800 Aston Avenue, Suite 100, Carlsbad, CA 92008; and
- **Matthew Chen** having a mailing address of 1800 Aston Avenue, Suite 100, Carlsbad, CA 92008.

The Assignors invented one or more certain inventions (the "Invention(s)") described in an application titled **"TECHNIQUES TO MAP THREE-DIMENSIONAL HUMAN ANATOMY DATA TO TWO-DIMENSIONAL HUMAN ANATOMY DATA,"** and filed on **January 27, 2023**, as U.S. Application No. **18/102,444** (the "Application").

**Carlsmed, Inc.**, a corporation of Delaware, having its principal place of business at 1800 Aston Avenue, Suite 100, Carlsbad, CA 92008 (the "Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application(s), and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignors acknowledges, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application(s), and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application(s); any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application(s) (collectively, the "Rights").

Assignors warrant that Assignors own the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deem necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

For **Carlsmed, Inc.:**

Date: Jul 28, 2023

Signature *Niall Casey*  
Authorized Signer  
Niall Patrick Casey  
Authorized Signer – Printed Name  
CTO  
Authorized Signer – Title

Assignors:

Jul 28, 2023

**Date**

*Niall Casey*

**Niall Patrick Casey**

Jul 27, 2023

**Date**

*Jeff Pennal*

**Jeffery Pennal**

Aug 10, 2023

**Date**

*Rodrigo J. Nicolau*

**Rodrigo Junqueira Nicolau**

Aug 9, 2023

**Date**

*Matthew Chen*

**Matthew Chen**