

## PATENT ASSIGNMENT COVER SHEET

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| <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   | 03/10/2020                        |
| <b>RECEIVING PARTY DATA</b>   |                                   |
| <b>Name:</b>  | CARLSMED, INC.                    |
| <b>Street Address:</b>  | 4250 EXECUTIVE SQUARE             |
| <b>Internal Address:</b>  | SUITE 200                         |
| <b>City:</b>  | LA JOLLA                          |
| <b>State/Country:</b>   | CALIFORNIA                        |
| <b>Postal Code:</b>   | 92037                             |
| <b>PROPERTY NUMBERS Total: 2</b>  |                                   |
| <b>Property Type</b>  | <b>Number</b>                     |
| <b>Application Number:</b>  | 16699447                          |
| <b>PCT Number:</b>  | US2019063855                      |
| <b>CORRESPONDENCE DATA</b>  |                                   |
| <b>Fax Number:</b>  | (206)359-7198                     |
| <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)359-8000                     |
| <b>Email:</b>   | patentprocurement@perkinscoie.com |
| <b>Correspondent Name:</b>  | PERKINS COIE LLP                  |
| <b>Address Line 1:</b>  | P.O. BOX 1247                     |
| <b>Address Line 2:</b>  | PATENT PROCUREMENT                |
| <b>Address Line 4:</b>  | SEATTLE, WASHINGTON 98111-1247    |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 127398-8008.US01                  |
| <b>NAME OF SUBMITTER:</b>   | TODD NIELSEN                      |
| <b>SIGNATURE:</b>   | /Todd Nielsen/                    |
| <b>DATE SIGNED:</b>   | 03/12/2020                        |
| <b>Total Attachments: 4</b>   |                                   |
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| source=1273988008US01_Executed_Assignment#page3.tif   |                                   |



## ASSIGNMENT BY INVENTOR

This Assignment is by the following individual (the "Assignor"):

- Niall Patrick Casey have a mailing address of 3866 Valley Street, Carlsbad, CA 98002.

The Assignor invented one or more certain inventions (the "Invention(s)") described in an application for Letters Patent of the United States titled SYSTEMS AND METHODS FOR ORTHOPEDIC IMPLANTS, naming the Assignor as inventor, filed on November 29, 2019 as U.S. Patent Application No. 16/699,447, and described in an international application titled SYSTEMS AND METHODS FOR ORTHOPEDIC IMPLANTS, naming the Assignor as inventor, filed on November 29, 2019 as International Application No. PCT/US2019/063855 (the "Applications").

Carlsmed, Inc., a corporation of Delaware having its principal place of business at 4250 Executive Square, Suite 200, La Jolla, CA 92037 (the "Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Applications, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States and/or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignor acknowledges, Assignor hereby sells, assigns, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Applications, and any Patents; any divisions, continuations, and continuations-in-part of the Applications and any other application claiming priority rights from the Applications; 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 Applications (collectively, the "Rights"). Assignor warrants that Assignor owns the Rights, and that the Rights are unencumbered. Assignor also agrees 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 deems 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. Assignor requests 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 Inventor Niall Patrick Casey:**

Date: 3-10-2020

Signature *Niall Casey*  
Niall Patrick Casey

Witness:

\_\_\_\_\_

Date

\_\_\_\_\_

Name

For Carlsmed, Inc.:

Date: 3-10-2020

Signature *Niall Casey*  
Authorized Signer

Niall Casey  
Authorized Signer – Printed Name

CTO  
Authorized Signer – Title

Witness:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name