

## Camber Spine Expands Patent Portfolio with SPIRA Lateral 3.0

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KING OF PRUSSIA, Pa.--(BUSINESS WIRE)--Camber Spine, a leading innovator in spine and medical technologies, has announced that it has received a notice of allowance from the United States Patent and Trademark Office (USPTO) for its SPIRA® Lateral 3.0 interbody fusion implant.

**“As our IP portfolio continues to grow, so too does the positive impact we can make for our surgeon customers and their patients”**

Part of the SPIRA® product platform, the SPIRA® Lateral 3.0 implant is a titanium open architecture LLIF utilizing Camber’s Surface by Design® Technology to optimize bone growth. It provides surgeons with a new design configuration based on the SPIRA® platform to be utilized in unilateral posterior lumbar interbody fusion procedures.

Patent attorney Michael Lee of Plumsea Law Group, who represents Camber Spine in its IP efforts, noted, “Camber Spine has achieved a remarkable 100% allowance rate for its portfolio of technologies, a success rate that we are very proud to have played a role in. Since the medical device category is one of the most difficult areas to achieve clearance at the Patent Office (most companies average about a 38% success rate), it’s clear that Camber is producing a system of technologies made up of particularly groundbreaking innovations by gifted designers.”

“Plus,” added Lee, “Camber’s SPIRA® implants are 3D printed. This specialized manufacturing technology allows Camber to create these truly unique patented structures featuring open arched matrices and proprietary surfaces designed to enhance fusion and promote bone growth. This latest lateral implant is the newest in a family of innovations that also includes SPIRA® spinal interbody cages for cervical, and posterior and other lateral lumbar spine procedures. Anterior Spinal Column Reconstruction: Anterior, Lateral, and Oblique Approaches to the Spine Extremity implants and custom implants for salvage and complex deformity implants are also under development.”

As with all products within Camber’s SPIRA® technology platform (or family of products) SPIRA® Lateral 3.0’s open architecture and arched design includes large openings for significant graft packing. It also decreases the risk of subsidence due to the design’s “snowshoe effect” and provides good visibility for fusion.

With SPIRA® implants, newly forming bone grows onto and through the multiple roughened titanium arches to achieve maximum stability and complete endplate-to-endplate arthrodesis. SPIRA® implants also enable easy insertion with smooth leading edges and pockets that interlock with the inserter to provide rotational stability.

“As our IP portfolio continues to grow, so too does the positive impact we can make for our surgeon customers and their patients,” said Camber Co-Founder and CEO Daniel Pontecorvo. “With this latest patent grant from the USPTO, we have now received 28 issued patents on the SPIRA technology alone, further strengthening our proprietary position in the open architecture 3D printed implant space. We are extremely proud of our engineering and manufacturing teams for creating SPIRA with the highest structural integrity and quality standards and look forward to 2021 and a pipeline full of additional product offerings.”

All of Camber Spine’s products are developed and manufactured in the United States.

*Innovative spine and medical technology company Camber Spine Technologies is dedicated to creating surgeon-designed solutions in MIS and minimally disruptive access for the treatment of complex spinal pathology. Incorporating state-of-the-art manufacturing, 3-D printing, and an acute sensitivity to patient anatomy, Camber Spine is making quantum leaps in the spinal fusion market. Camber currently has 20 510(k) clearances and over 28 active or issued patents, including two highly innovative and IP protected device platforms that support faster spinal fusion and recovery - ENZA® (MIS Integrated Interbody) spinal fusion implants and SPIRA® OA (Open Architecture 3D printed) spinal fusion and orthopedic implants. Named “Emerging Healthcare Company of the Year” at the 2020 Philadelphia Alliance for Capital and Technologies (PACT) Enterprise Awards, Camber Spine is an ISO 13485 certified medical device manufacturer. Learn more at [CamberMedtech.com](http://CamberMedtech.com).*

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