



Spineology Receives a Notice of Allowance for a New US Patent on its Duo™ Lumbar Interbody Fusion Implant



Spineology announces Notice of Allowance from the United States Patent and Trademark Office for patent application No. 15/476,911 covering Spineology's Duo implant. (Photo: Business Wire)

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ST. PAUL, Minn.--(BUSINESS WIRE)--Spineology Inc., an innovator in anatomy-conserving spine surgery, is excited to announce it has received a Notice of Allowance from the United States Patent and Trademark Office (USPTO) for patent application No. 15/476,911, "Mesh Spacer Hybrid." The allowed claims include three independent device claims covering Spineology's Duo implant, a novel proprietary intervertebral implant that includes PEEK intervertebral spacer elements and an expandable mesh graft containment element. Spineology expects the patent to be issued within the next several weeks.

"We always strive to attain protection for strategic intellectual property," said John Booth, Chief Executive Officer of Spineology. "This Notice of Allowance is an important extension to our IP Portfolio."

The Duo System implant is the first to combine PEEK, titanium and graft containment mesh elements. This design dramatically reduces the access required to implant a device compared to traditional lateral systems. By significantly minimizing the nerve and soft tissue retraction typically required in these surgeries, the company believes the Duo System will reduce the post-operative thigh pain and other complications commonly associated with the lateral approach. In addition to reducing the exposure required for placement, the Duo implant, once filled, creates a large, load-sharing, endplate-conforming graft pack that expands up to 30mm in width to help maintain spinal correction and support fusion.

About Spineology Inc.

Spineology Inc. provides innovative, anatomy-conserving spinal technologies for surgeons and their patients. Spineology surgical techniques conserve spinal bone, ligament and muscle tissue. Spineology is committed to increasing procedural efficiency, reducing surgical morbidity and accelerating patient recovery. Learn more at spineology.com

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