ABSTRACT

Various exemplary embodiments relate to a spinal implant for insertion between two vertebrae including one or more of the following: a cage comprising: a frame including a fastener hole, a lattice structure disposed within the frame and exposed on a top and bottom face of the frame to permit bone growth into the lattice structure, and an inner rim disposed between the lattice structure and a through bore extending through the cage; a bone plate comprising a through hole, and a first and a second screw hole, wherein the first and second screw hole are positioned to overlie the vertebrae when the bone plate is attached to the cage and the cage is inserted between the two vertebrae; and a fastener operable to attach the bone plate to the cage when the fastener is inserted through the through hole of the bone plate and into the fastener hole of the frame.

10. The spinal implant of any of claims 1-6, wherein the lattice structure 114 contains support material.

11. The spinal implant of claim 10, wherein the support material includes a polymer.

12. The spinal implant of claim 11, wherein the polymer is polyether ether ketone (PEEK).

13. The spinal implant of claim 10, wherein the support material 914 is disposed within a plurality of pores formed by the lattice structure.

14. The spinal implant of claim 10, wherein:
the lattice structure comprises a channel 1014, 1712, 1714, 1716, 1718 formed therein; and
the support material is disposed within the channel.

15. The spinal implant of any of claims 1-6, wherein the lattice structure includes a coating that promotes bone growth.

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