



- [54] **STACKABLE CAGE SYSTEM FOR CORPECTOMY/VERTEBRECTOMY**
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- [51] Int. Cl.<sup>7</sup> ..... **A61B 17/56**
- [52] U.S. Cl. .... **606/61; 606/72; 623/17**
- [58] Field of Search ..... **606/61, 72, 73, 606/69; 623/17**

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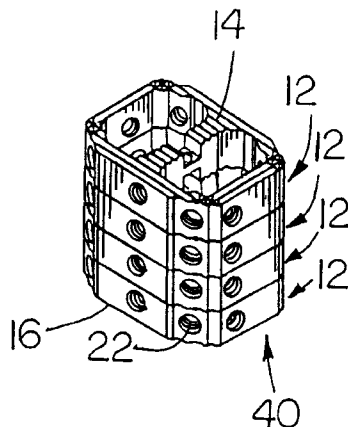
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 Assistant Examiner—Julian W. Woo  
 Attorney, Agent, or Firm—Barnes & Thornburg

[57] **ABSTRACT**

Surgical prosthetic modular devices used singularly or stacked together are provided for use to replace excised vertebral tissue. The devices are rigid plugs, dimensionally similar to normal vertebral bodies, and have ridged faces to engage adjacent vertebral bodies or to interdigitate when stacked. Ridges extend in both the medial/lateral and anterior/posterior directions to prevent slipping in the anterior/posterior and medial/lateral directions respectively. A locking screw may be used to secure a stack to form a singular rigid prosthetic device. The devices are also provided with a plurality of threaded openings. In the method of this invention, a device is used to replace excised vertebral tissue, threaded bolts are inserted into the threaded openings, and other spine stabilization devices are attached to the bolts. In corpectomies, the device can be bolted to a plate, which in turn is fixed to adjacent vertebrae. In spondylectomies, the device can be fixed to a series of posteriorly placed rods.

29 Claims, 6 Drawing Sheets



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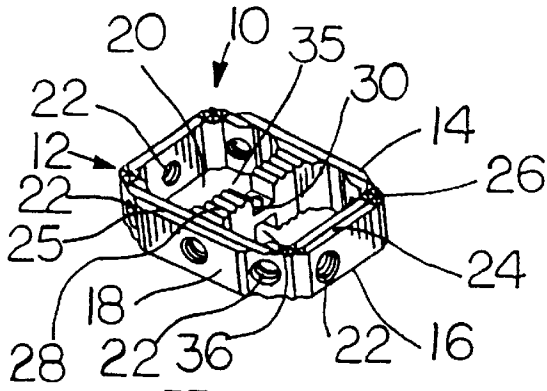
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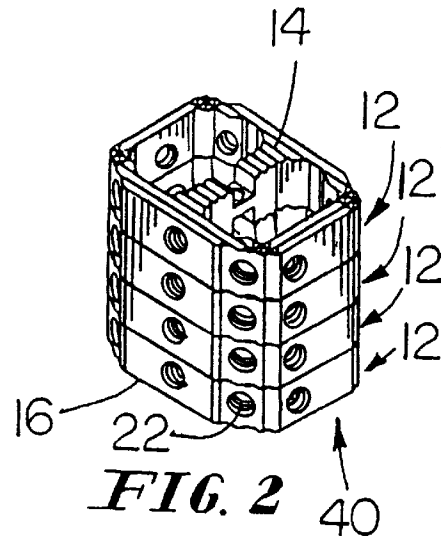
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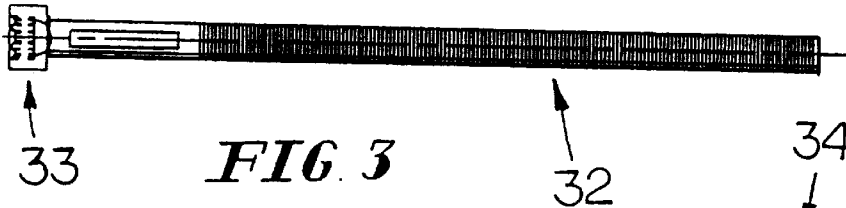
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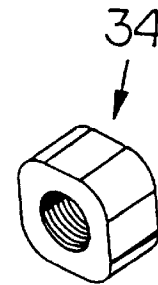
**FIG. 1**



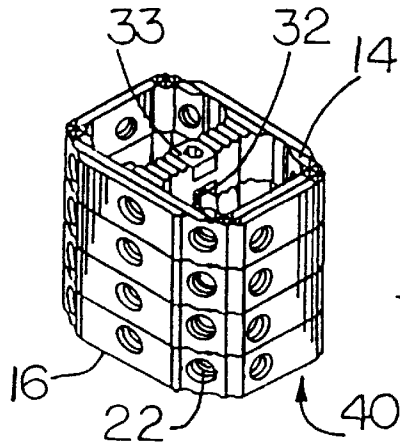
**FIG. 2**



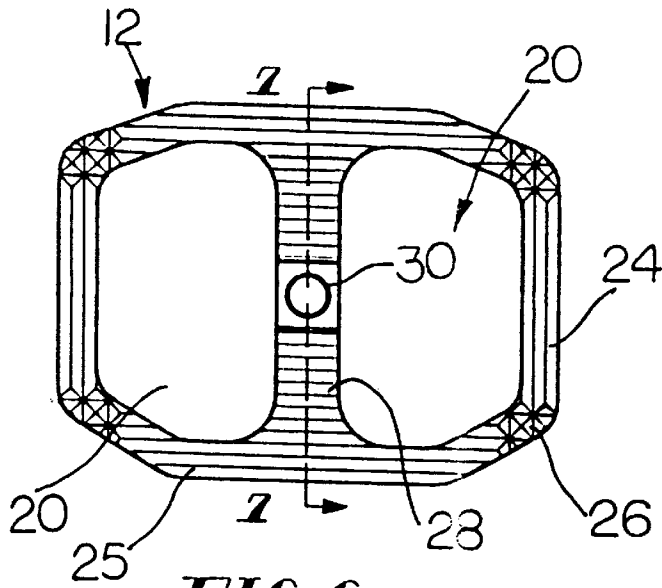
**FIG. 3**



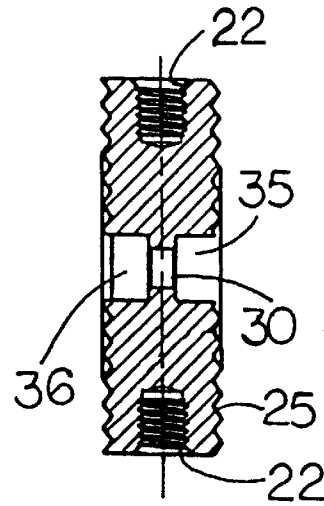
**FIG. 4**



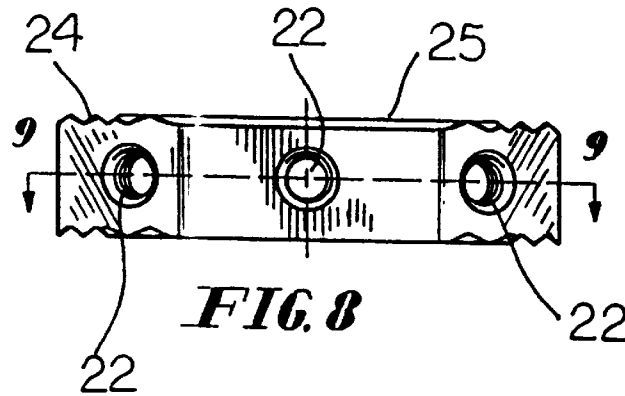
**FIG. 5**



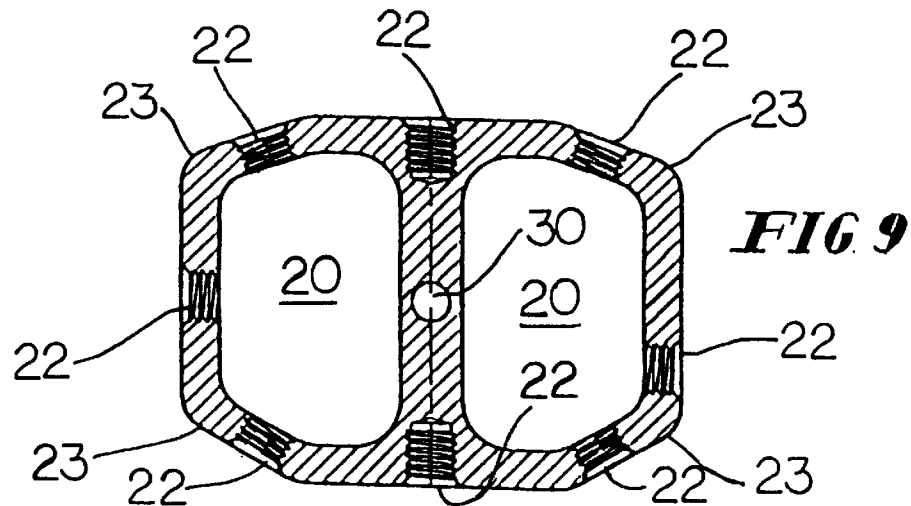
**FIG. 6**



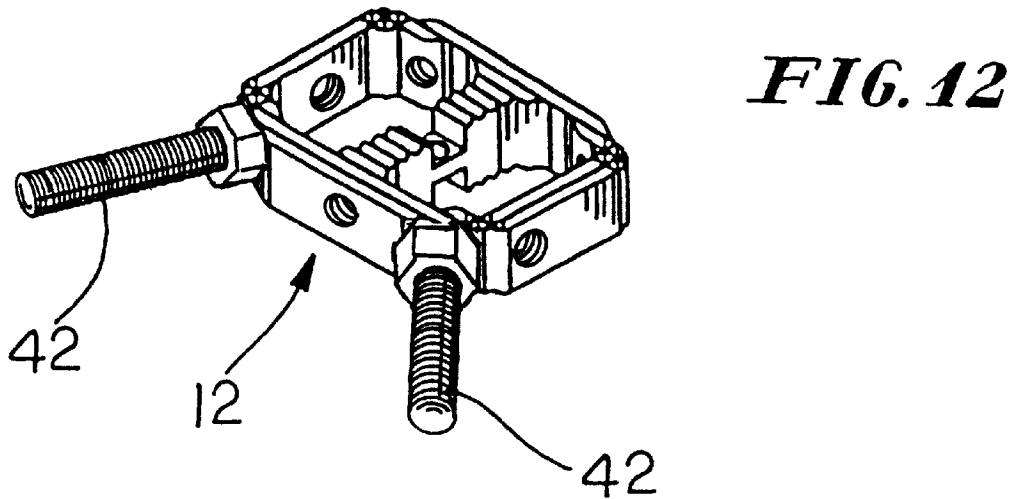
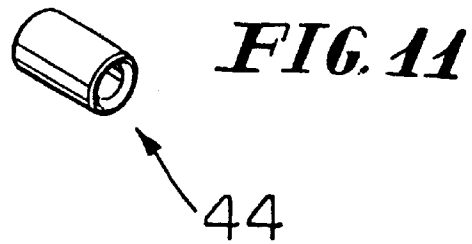
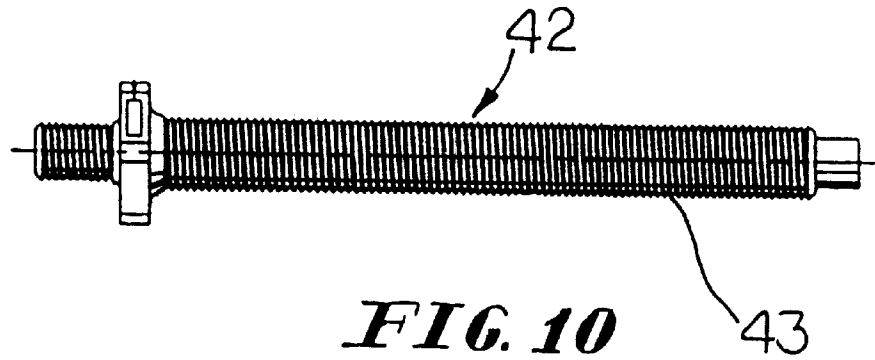
**FIG. 7**



**FIG. 8**



**FIG. 9**



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