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Michelson

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(54) **ANATOMIC SPINAL IMPLANT HAVING ANATOMIC BEARING SURFACES**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 3 days.

This patent is subject to a terminal disclaimer.

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Related U.S. Application Data

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A61F 2/44 (2006.01)

(52) **U.S. Cl.**
USPC 623/17.16

(58) **Field of Classification Search**

USPC 623/17.11-17.16, 16.11, 14.12, 18.11; 606/246-249, 99
See application file for complete search history.

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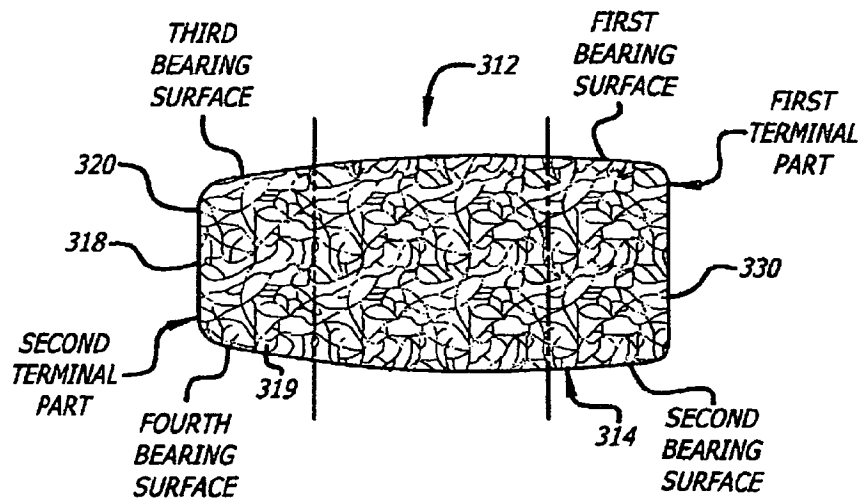
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(57) **ABSTRACT**

The present application is directed to an interbody spinal implant having a structural configuration that provides for maintaining the normal anatomic relationship of two adjacent vertebrae of the spine. The spinal implant is sized to fit within the disc space created by the removal of disc material between two adjacent vertebrae and conform wholly, or in part, to the disc space created. The spinal implant of the present invention has first and second sides with upper and lower bearing surfaces that form a support structure for bearing against the end plates of the adjacent vertebrae. The upper and lower bearing surfaces of the first and second sides are shaped to create an anatomic fit with the endplates of the adjacent vertebrae.

19 Claims, 11 Drawing Sheets



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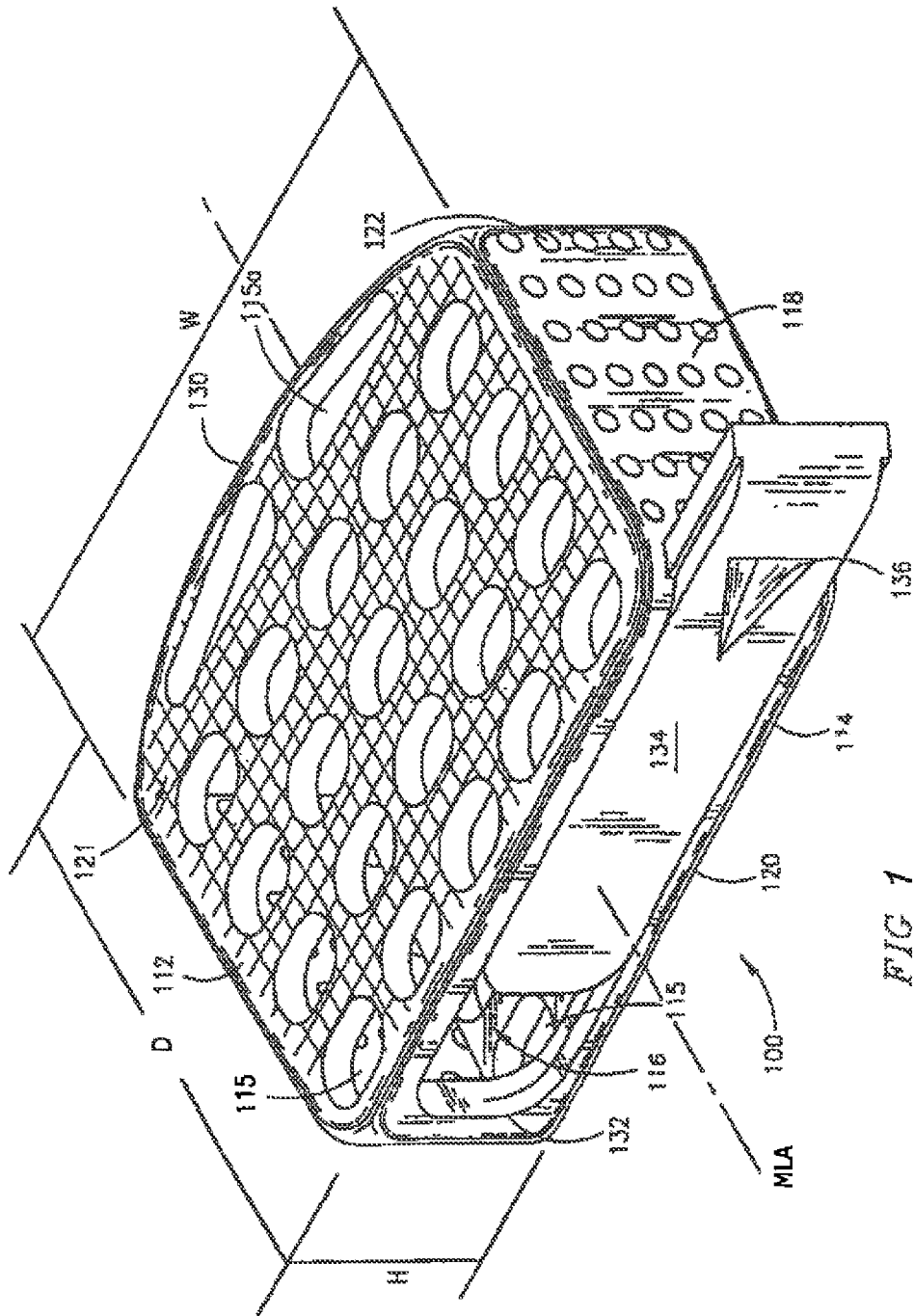
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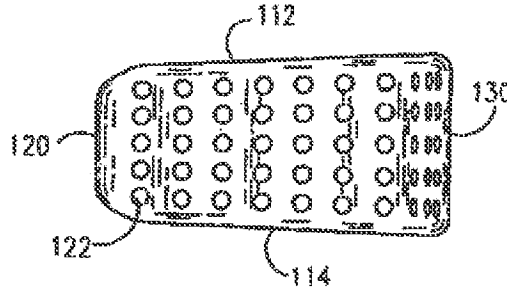


FIG 3

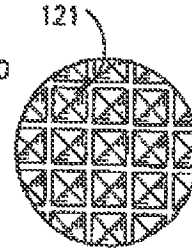


FIG 7

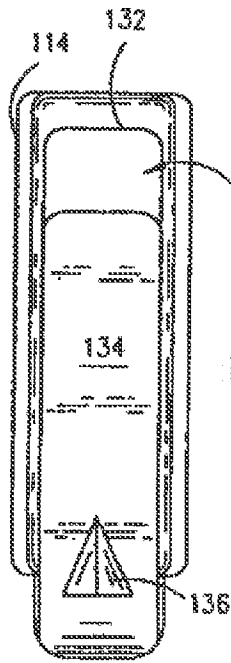


FIG 5

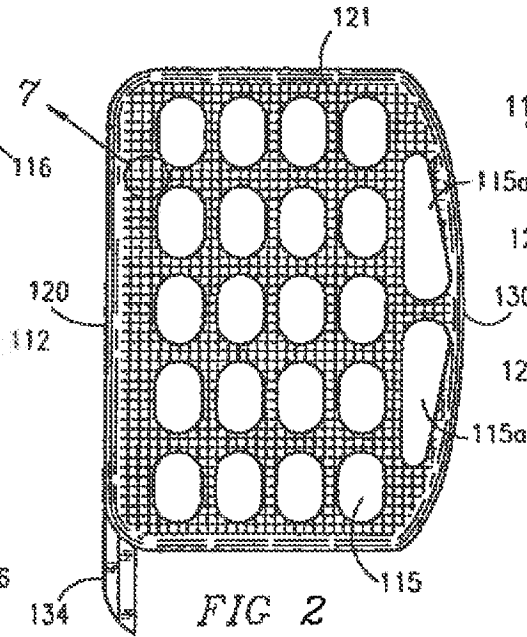


FIG 2

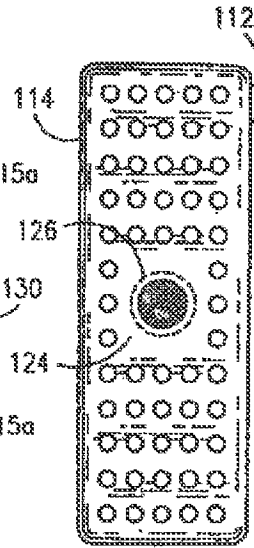


FIG 6

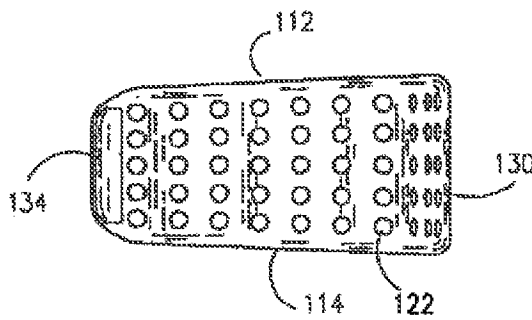


FIG 4

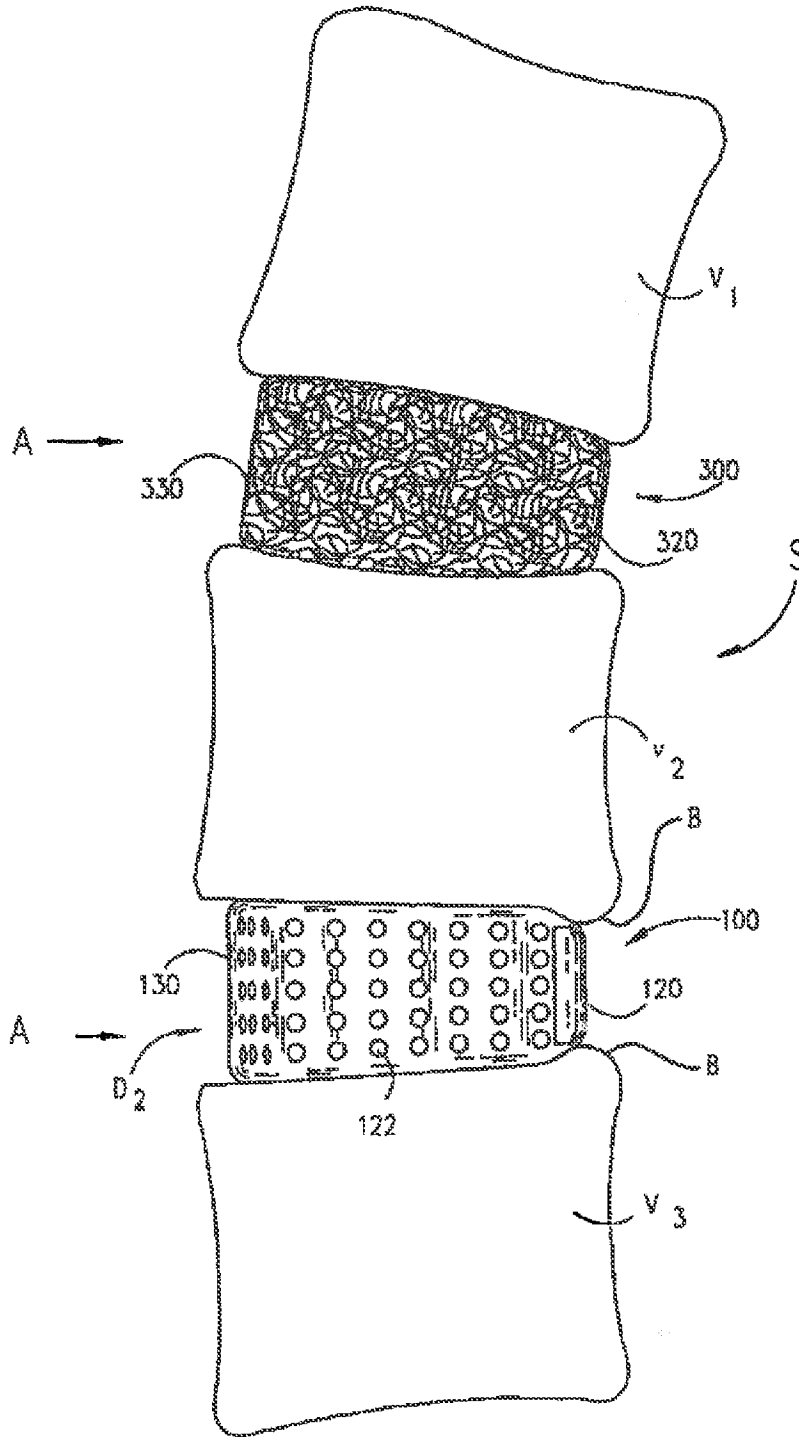


FIG 7A

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