



[54] SACRAL IMPLANT SYSTEM

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[51] Int. Cl.<sup>5</sup> ..... A61F 5/01; A61F 2/44; A61F 5/00

[52] U.S. Cl. .... 606/61; 623/17

[58] Field of Search ..... 606/61; 623/17; 128/69

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Primary Examiner—David J. Isabella

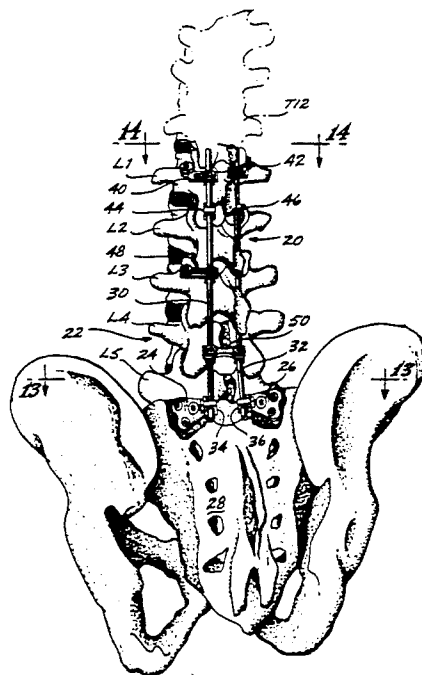
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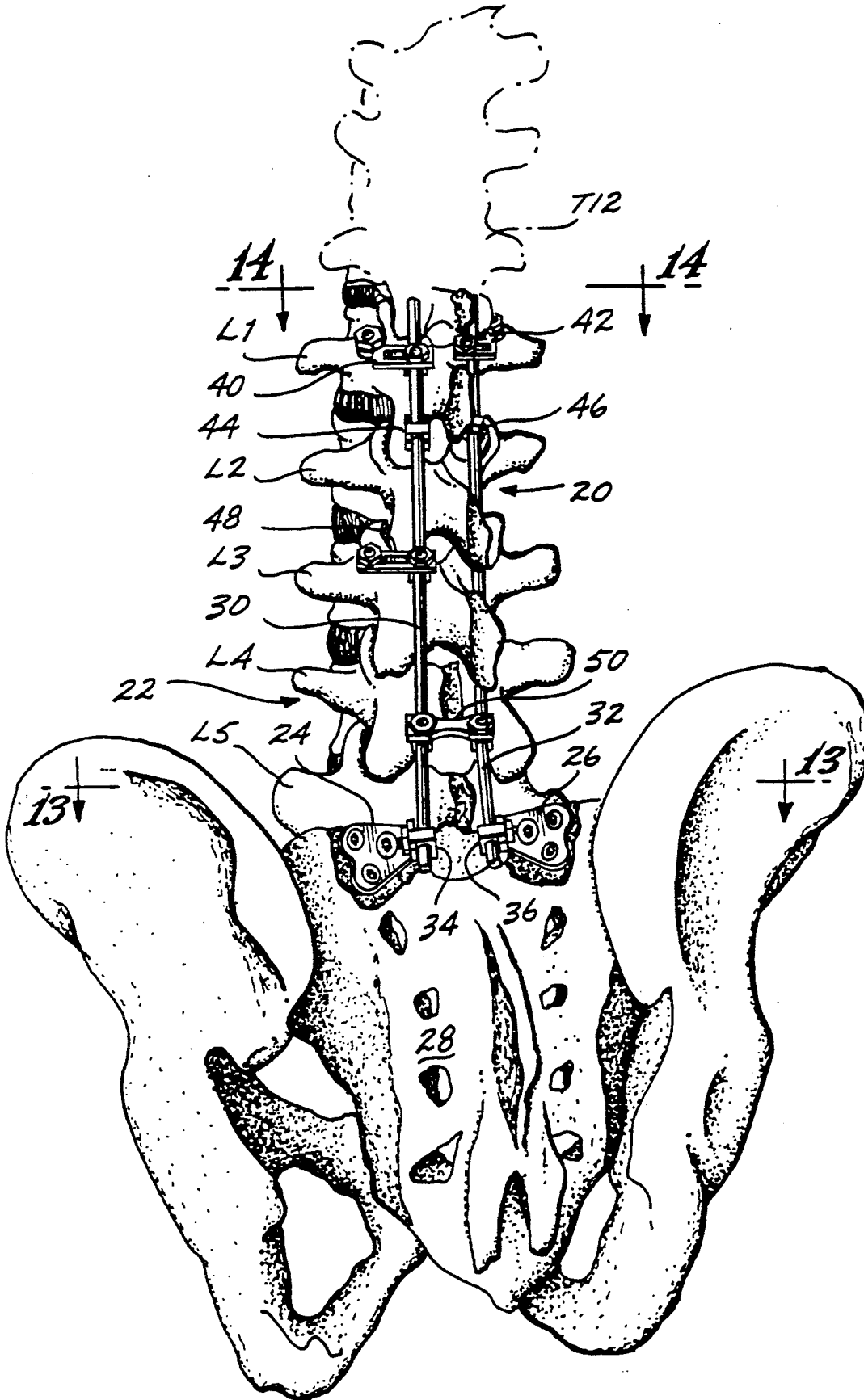
[57] ABSTRACT

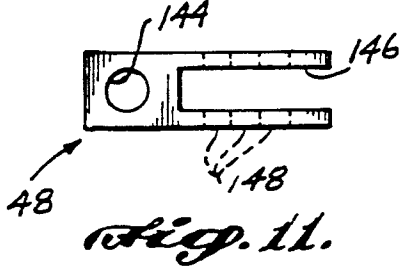
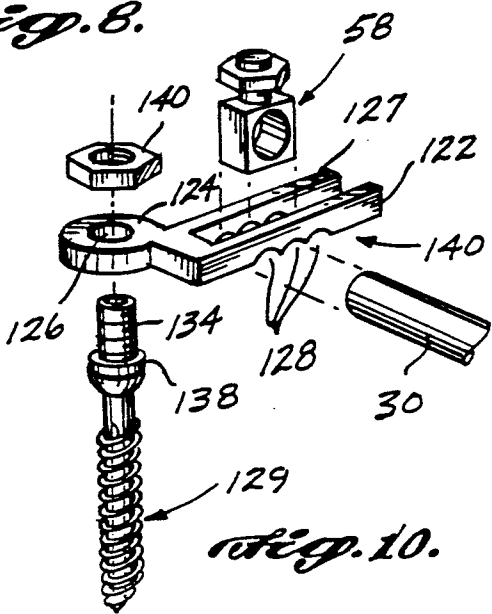
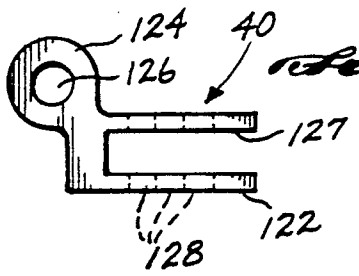
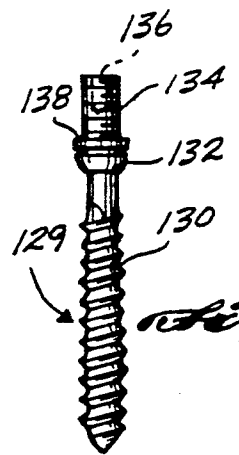
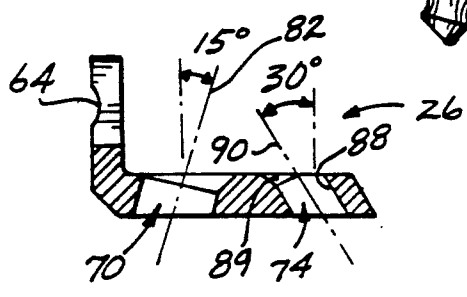
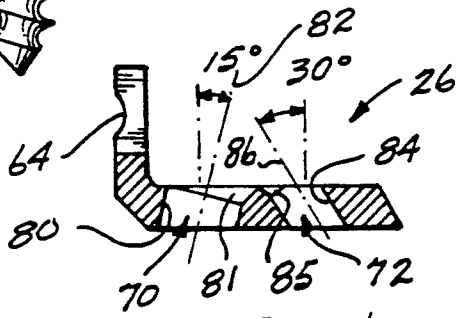
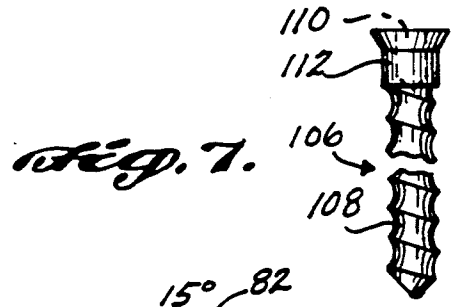
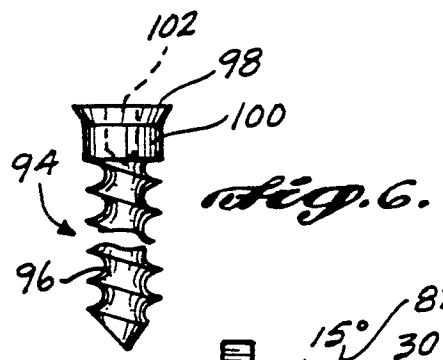
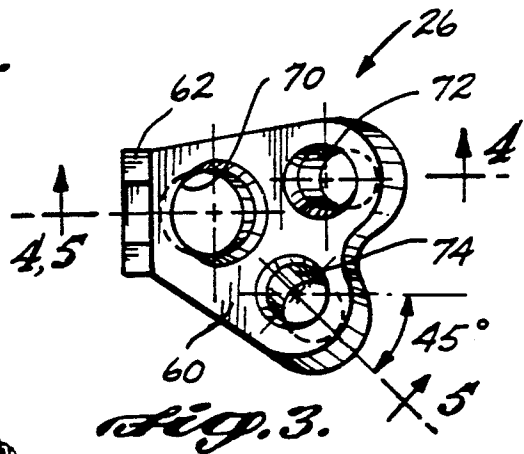
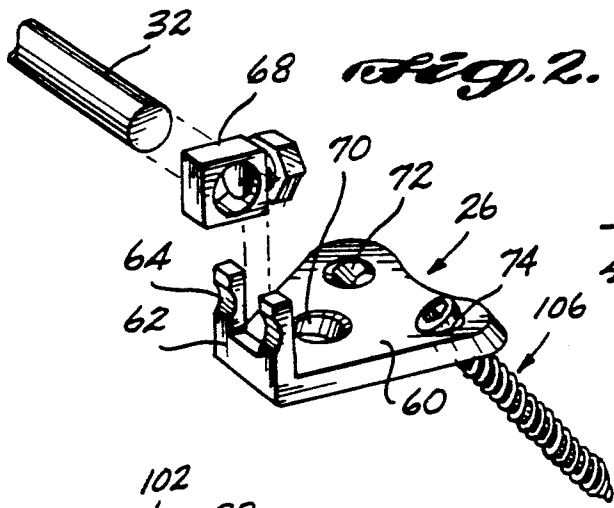
A sacral implant system includes first and second sacral plates that are affixed on opposite sides of the sacrum adjacent the lumbosacral junction. Pedicle, lateral and oblique mounting means are provided for rigidly affixing the sacral plates to the sacrum. First and second fixation rods extend in a superior direction along the lumbar portion of the spine. One or more connecting members tie the rods together. The superior most vertebra to be fixed is tied to the implant system with a special offset fixation plate and pedicle screw. Conventional vertebra hooks can also be used as necessary. Intermediate vertebra are tied to the system with a straight fixation plate and pedicle screw.

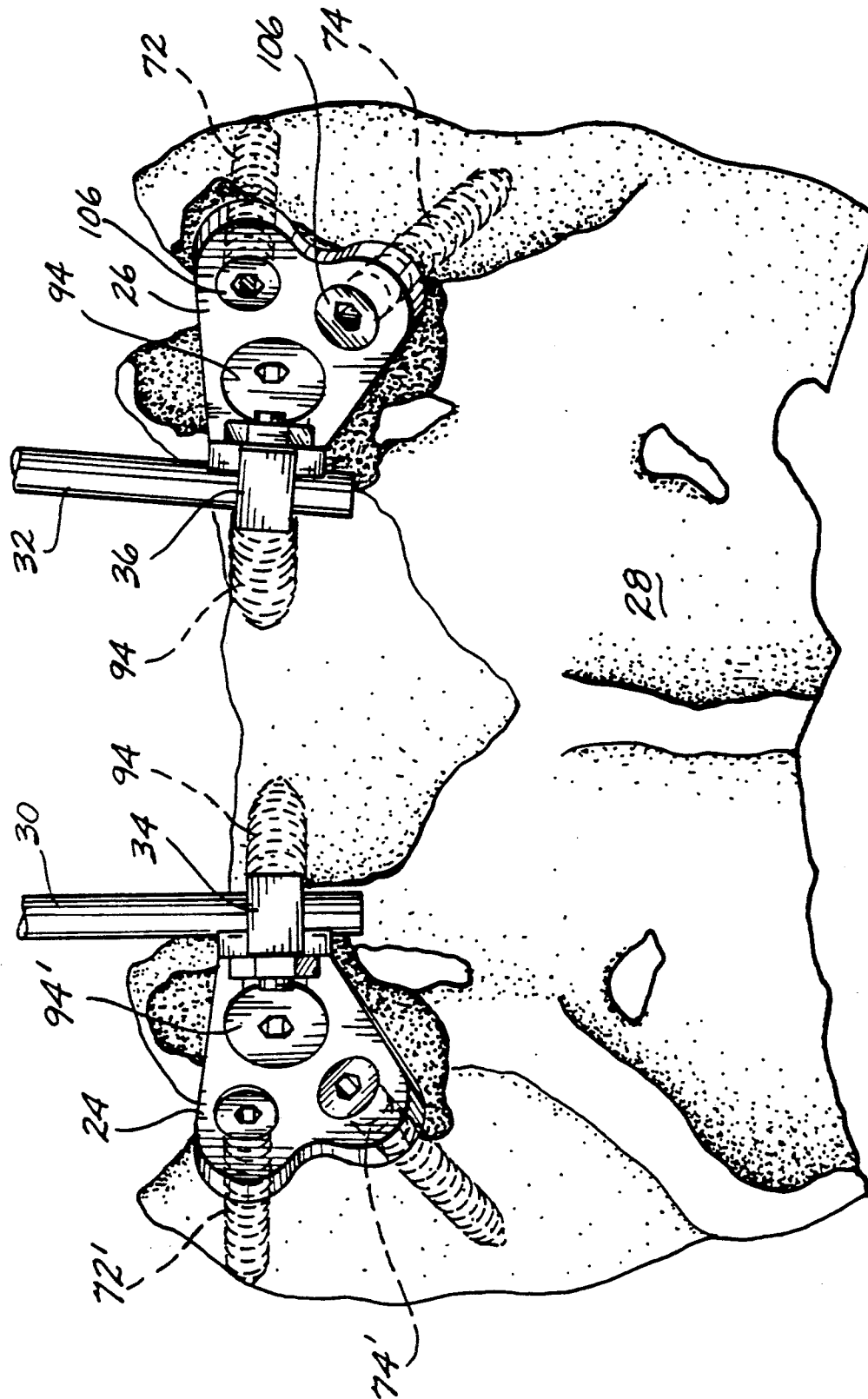
27 Claims, 5 Drawing Sheets



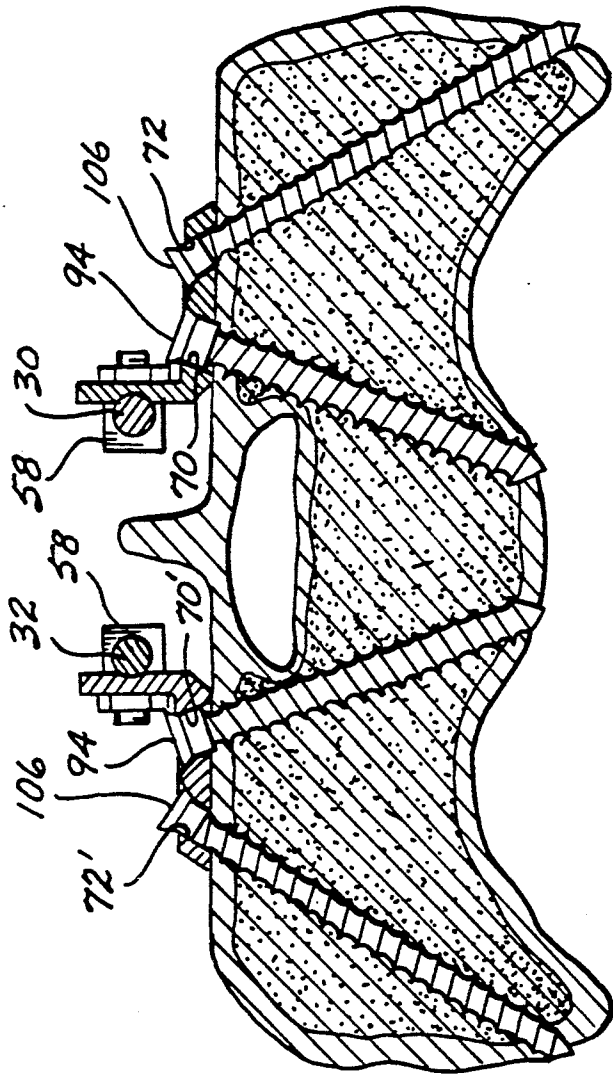
*Fig. 1.*







*Fig. 12.*



*Fig. 13.*

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