

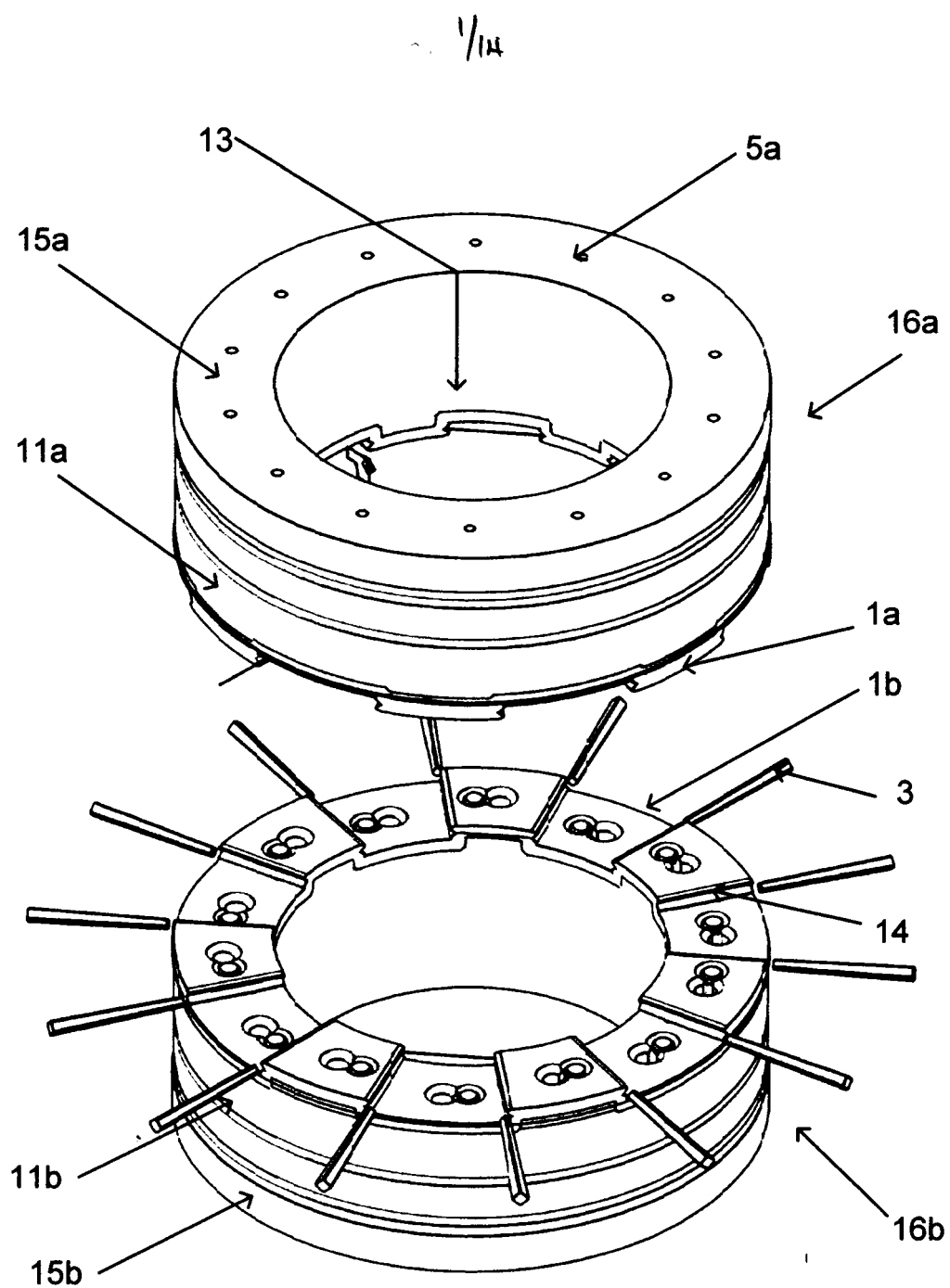


FIG 1

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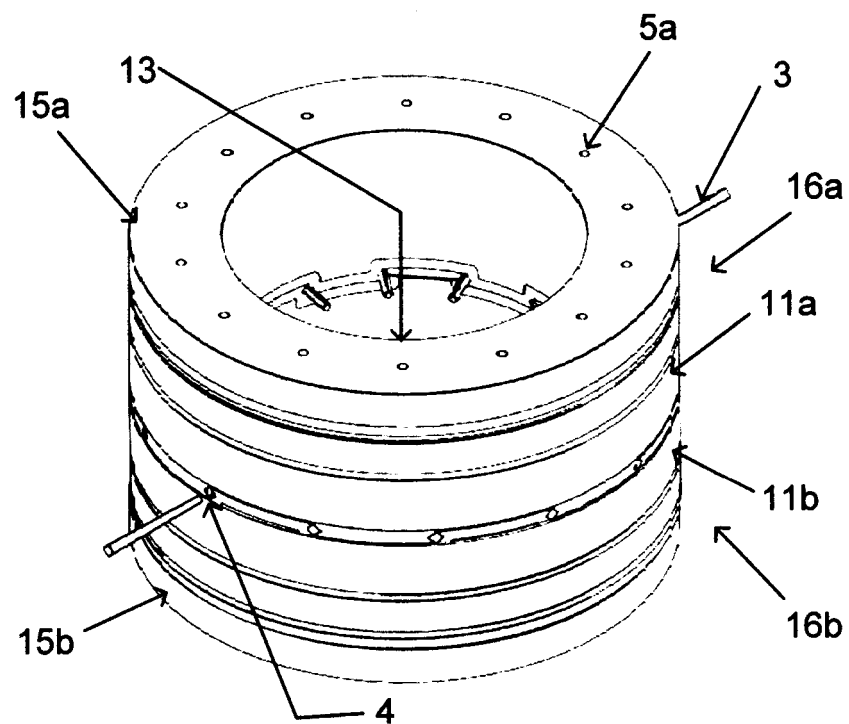


FIG 2

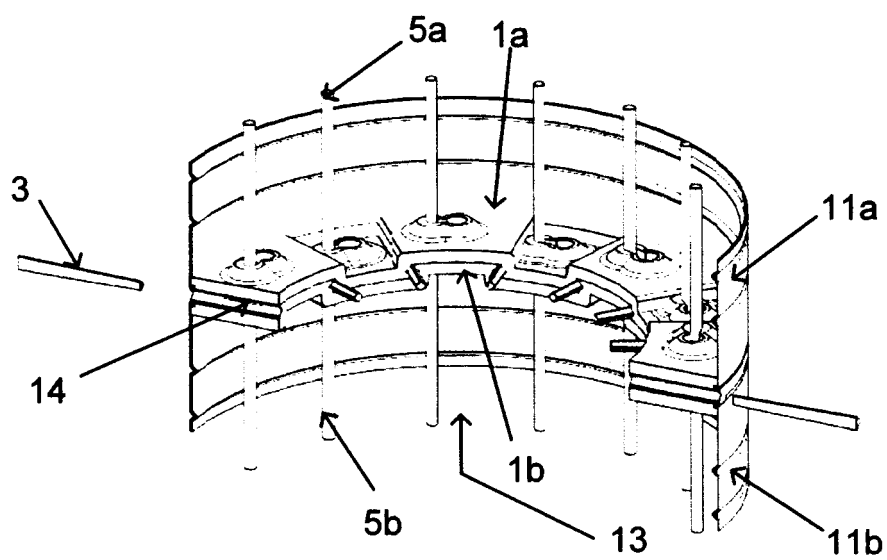


FIG 3

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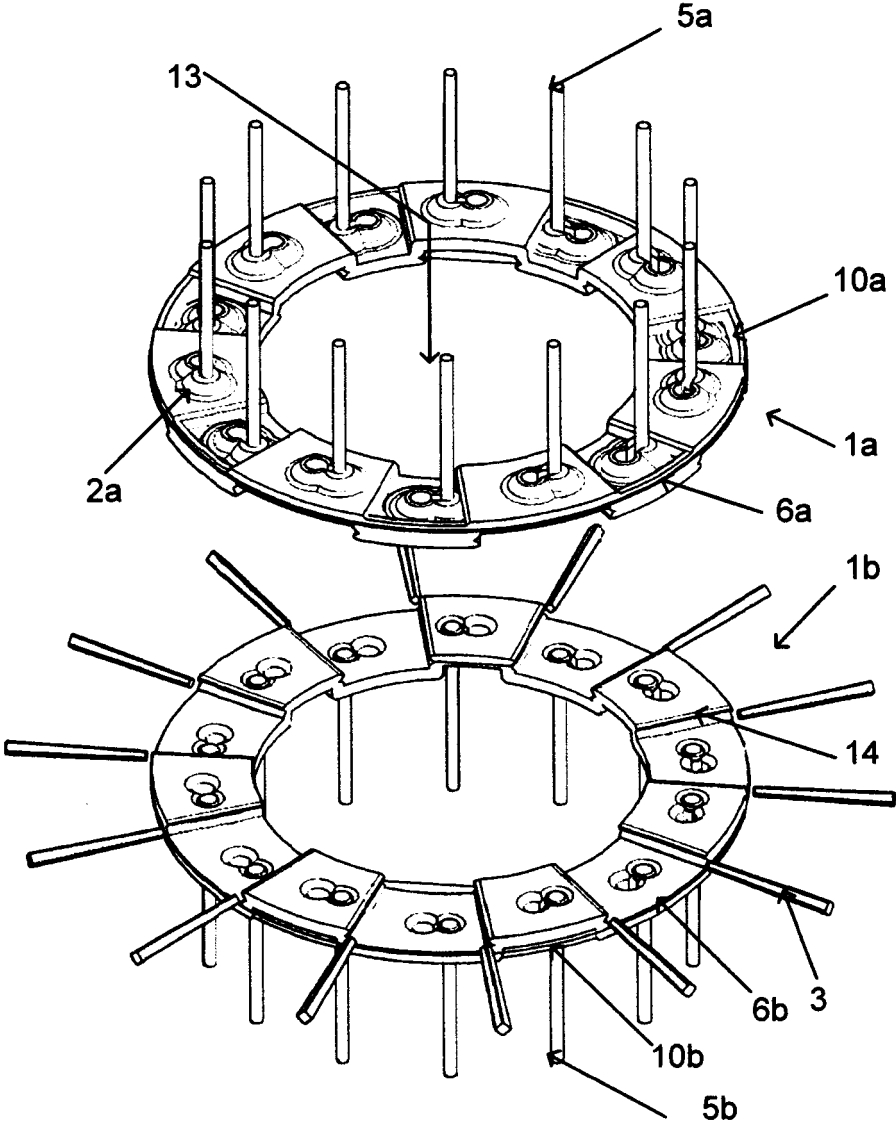


FIG 4

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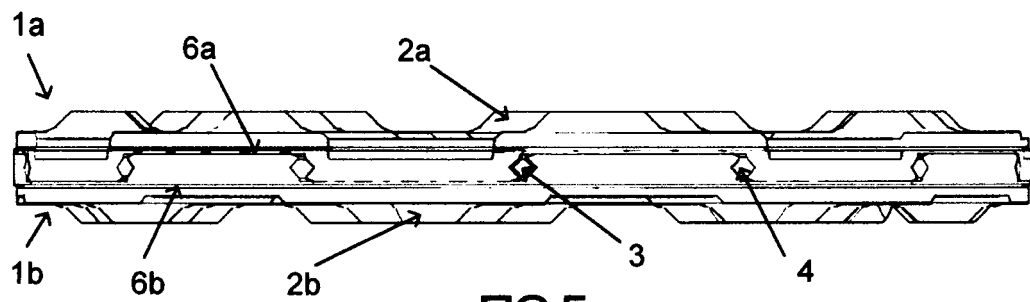


FIG 5

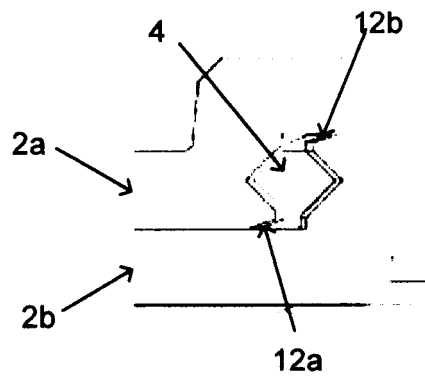


FIG 6

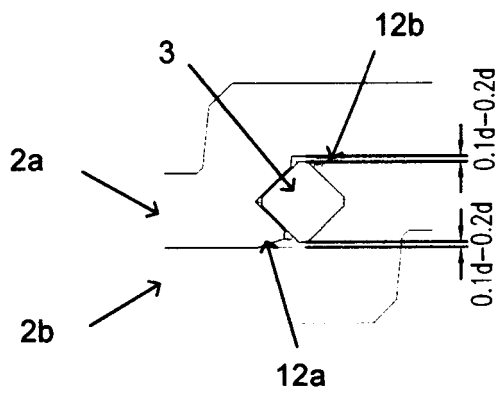


FIG 7

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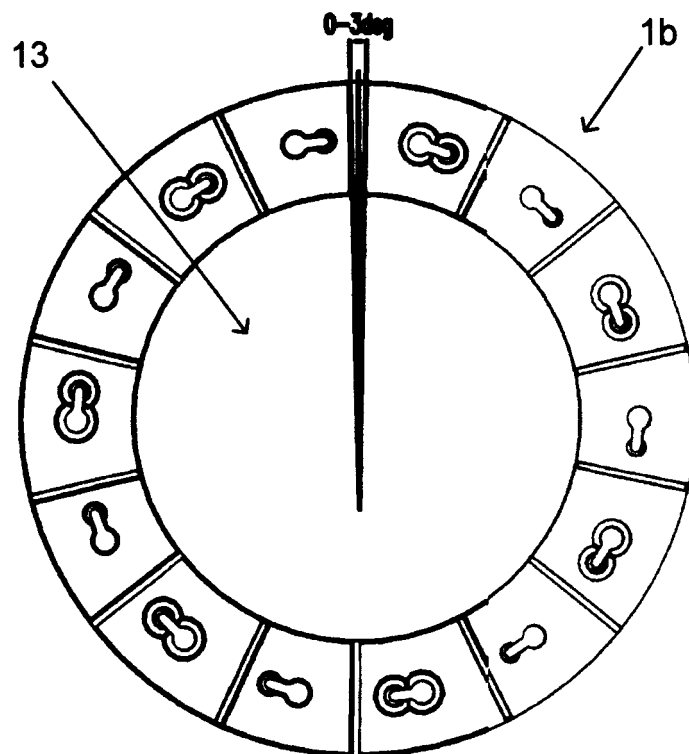


FIG 8

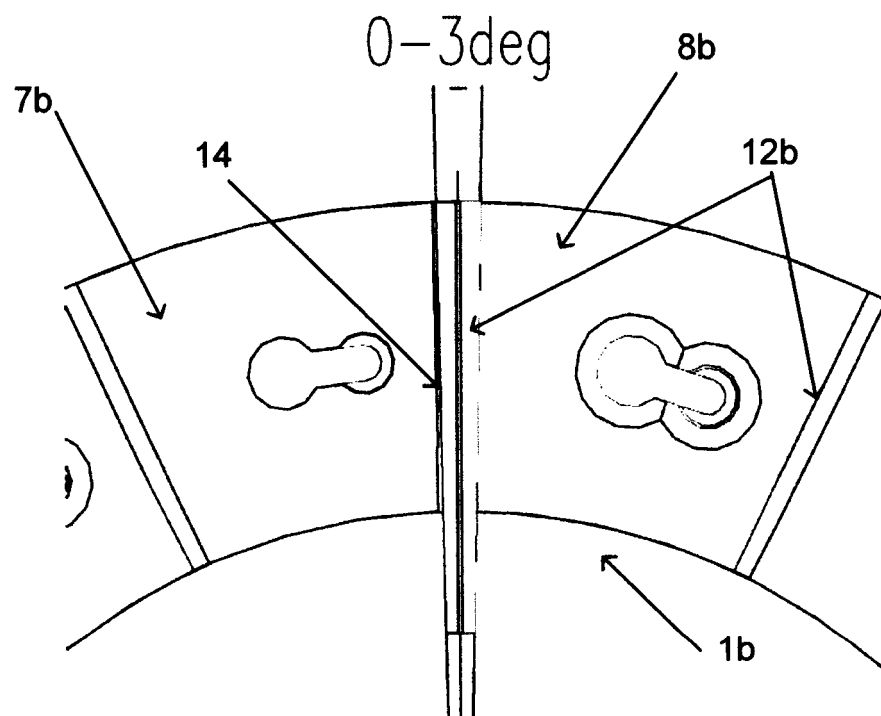


FIG 9

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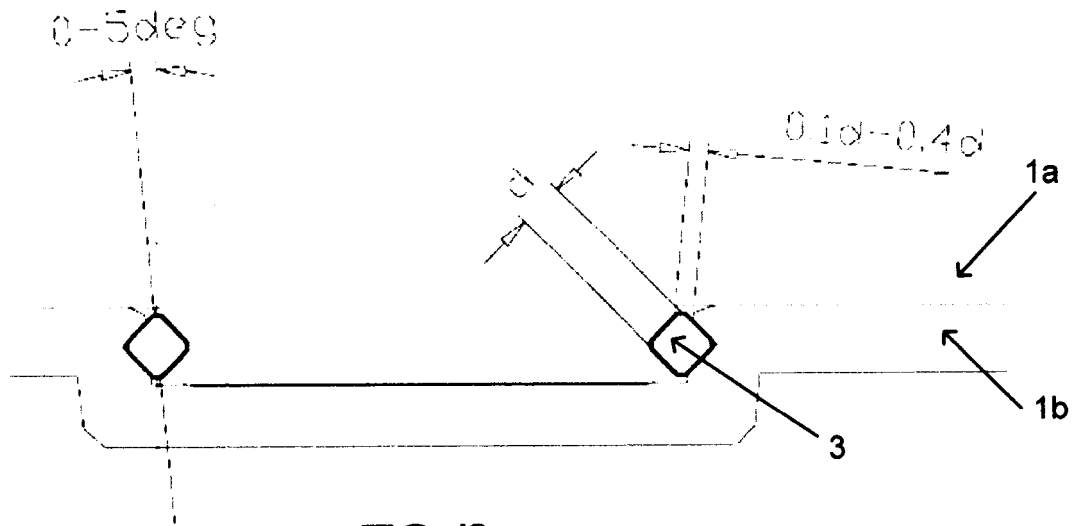


FIG 10

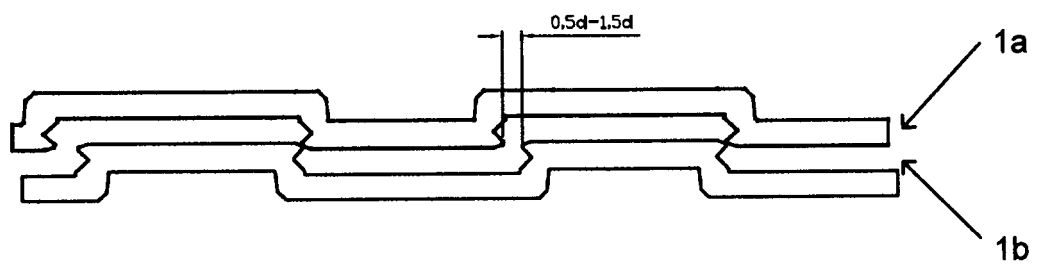


FIG 11

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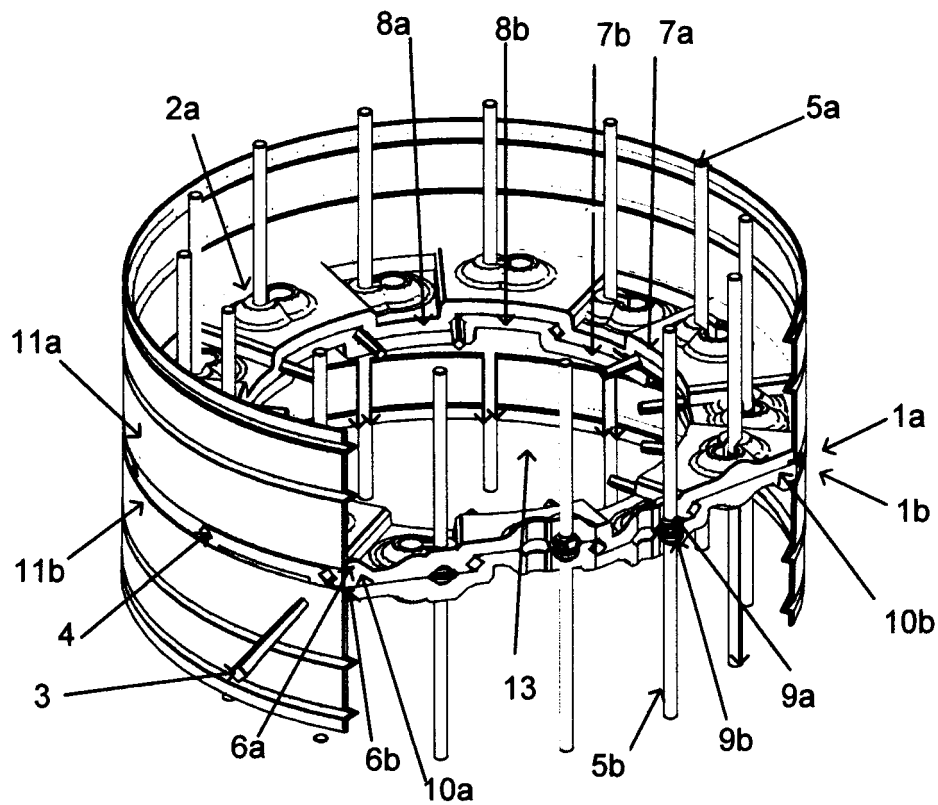


FIG 12

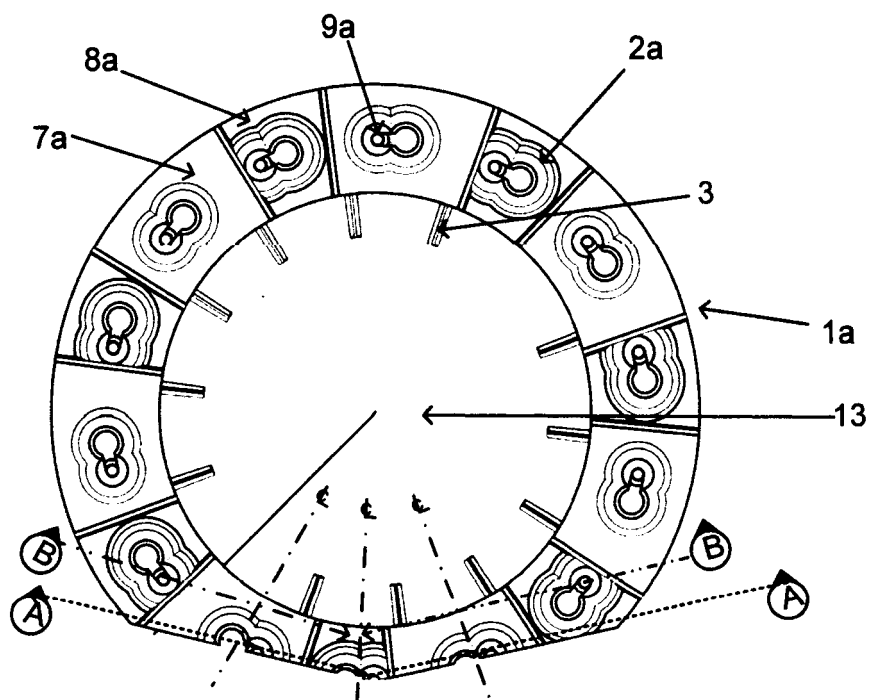


FIG 13

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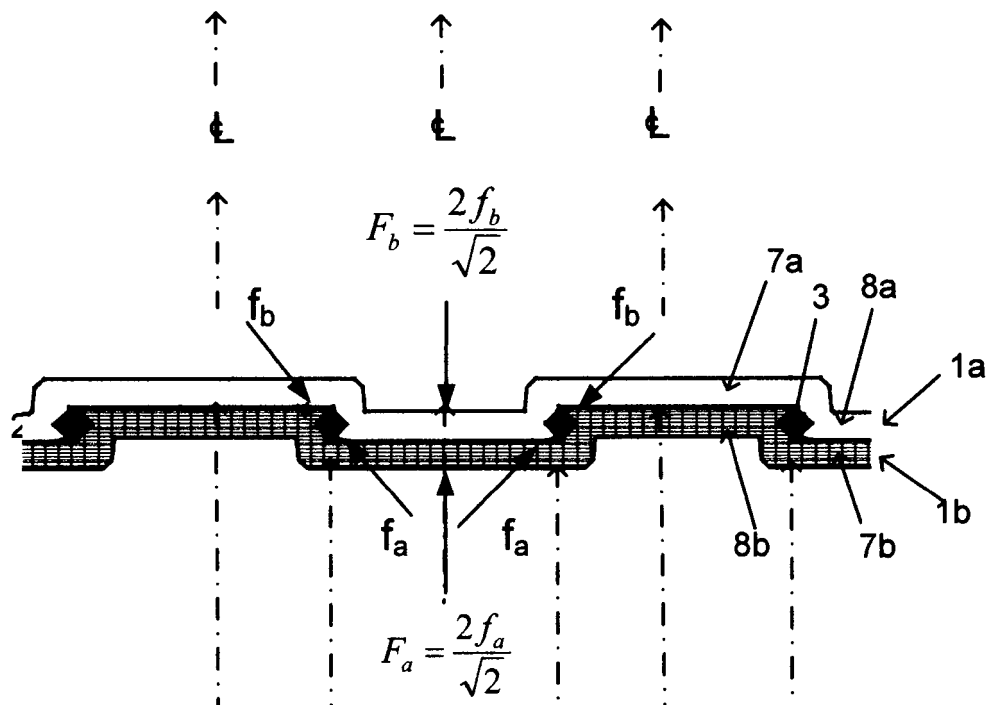


FIG 14

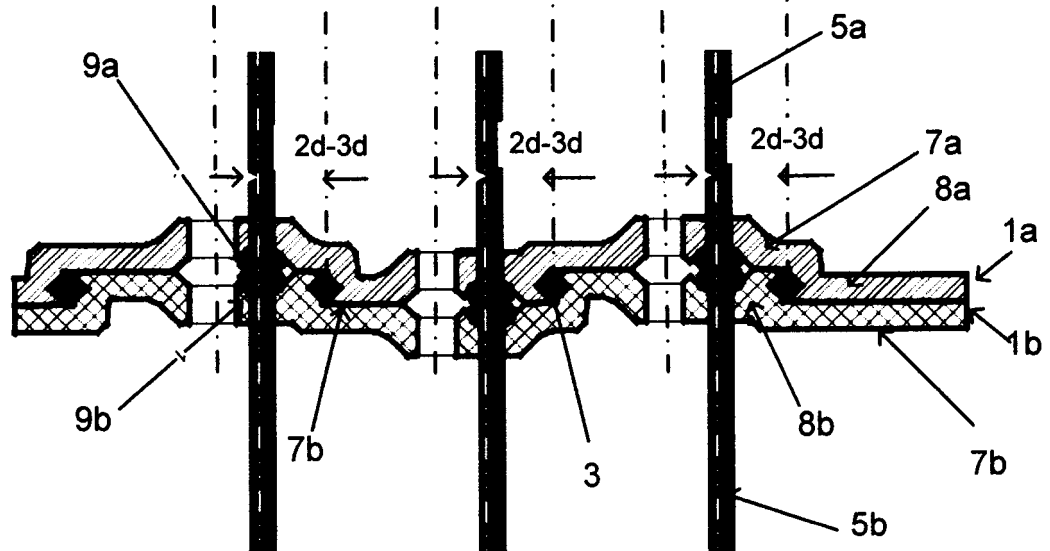


FIG 15

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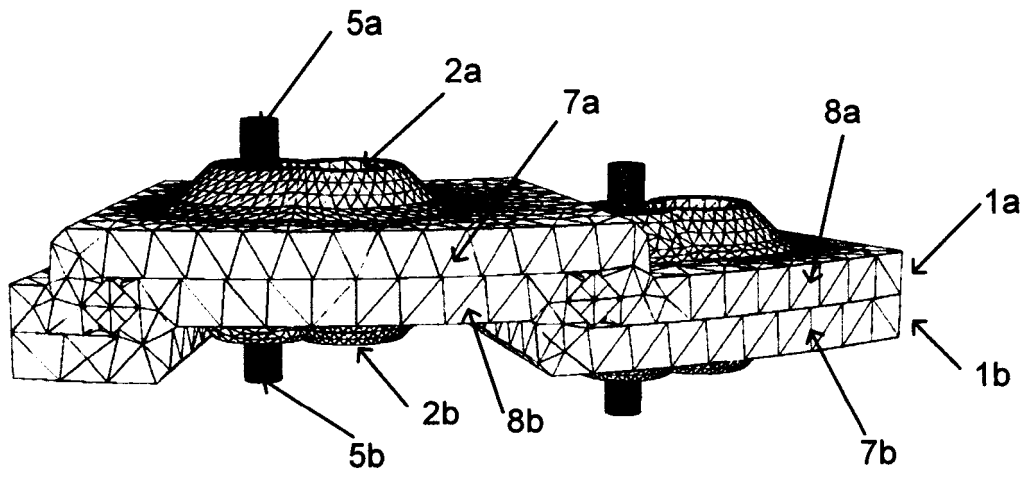


FIG 16

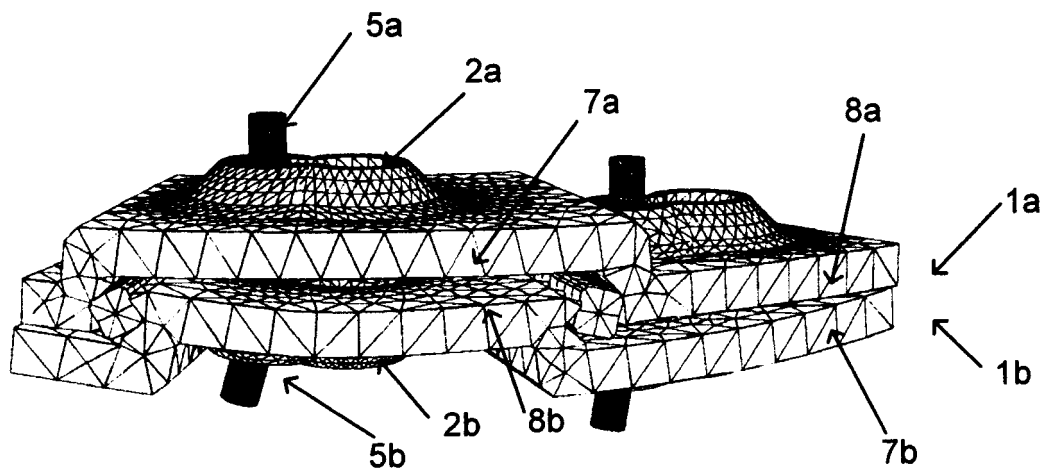
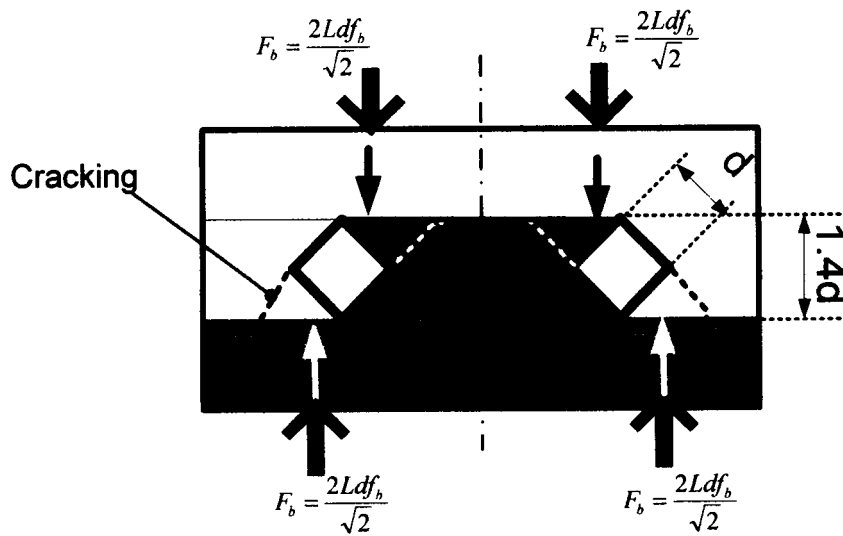
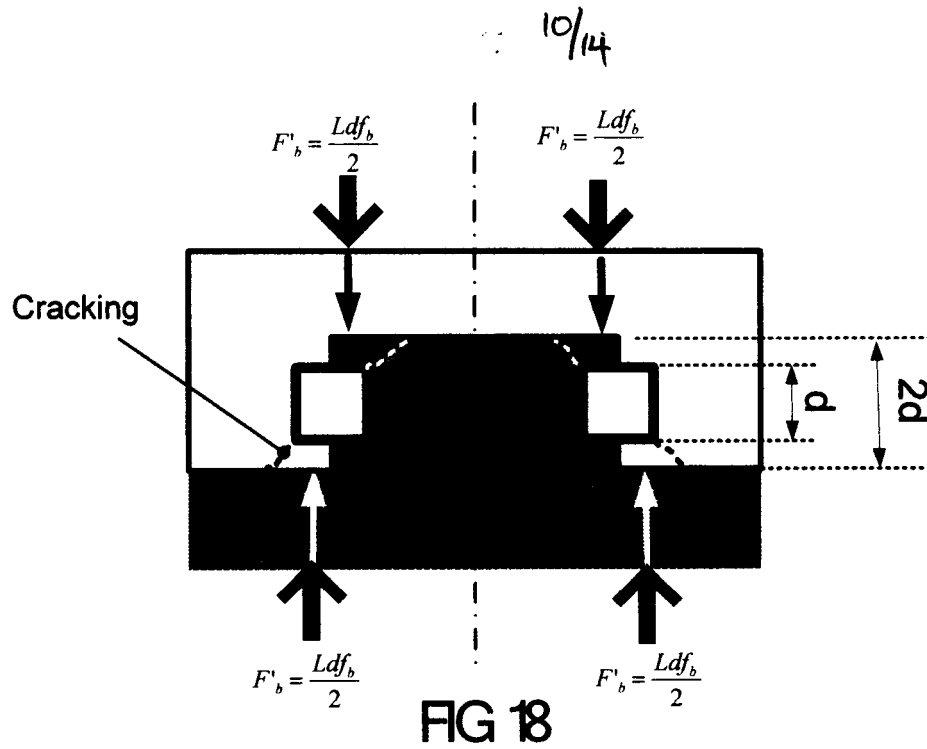


FIG 17



$$F_b = \frac{2Ldf_b}{\sqrt{2}} \quad ; \quad F'_b = \frac{Ldf_b}{2}$$

$$\frac{F_b}{F'_b} = \frac{4}{\sqrt{2}} = 2.83$$

Where;

d = square pin cross-section width

L = Length of the square pin in contact

F'_b = compression force for the horizontal pin

F_b = compression force for the rotated pin

f_b = normal stress by jamming of the tapered pin

FIG 19

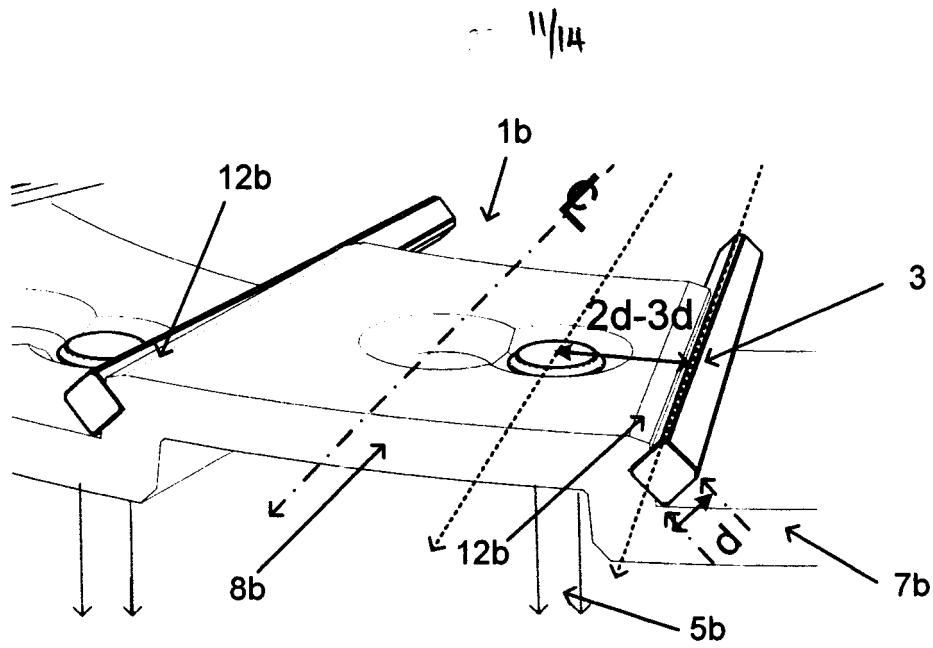


FIG 20

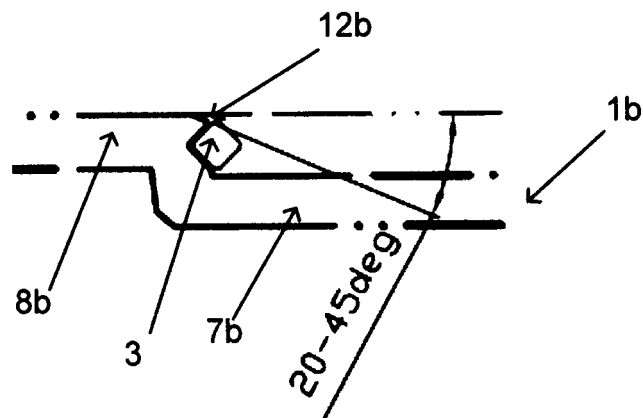


FIG 21

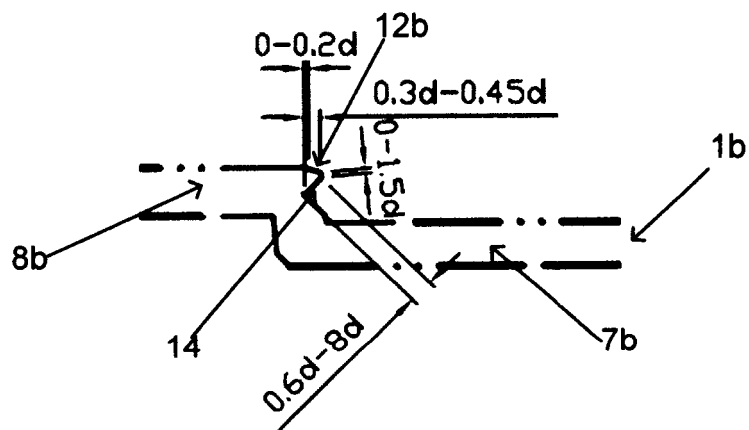


FIG 22

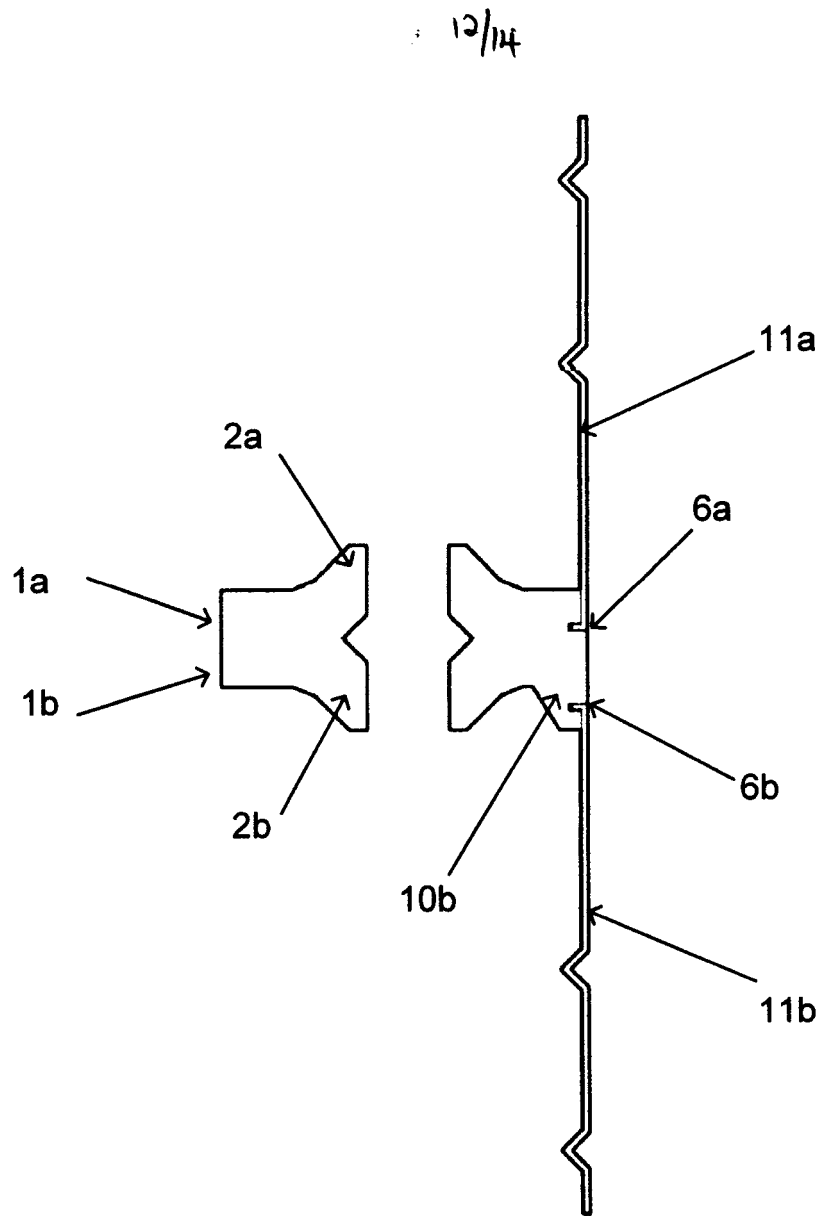


FIG 23

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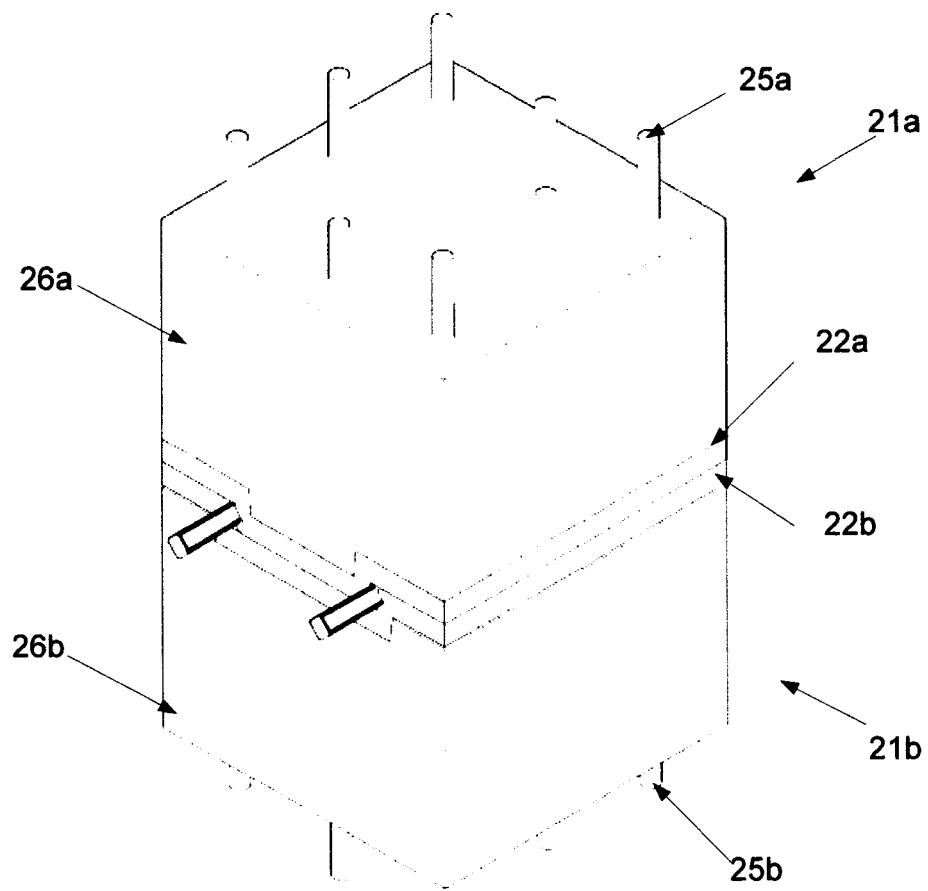


FIG 24

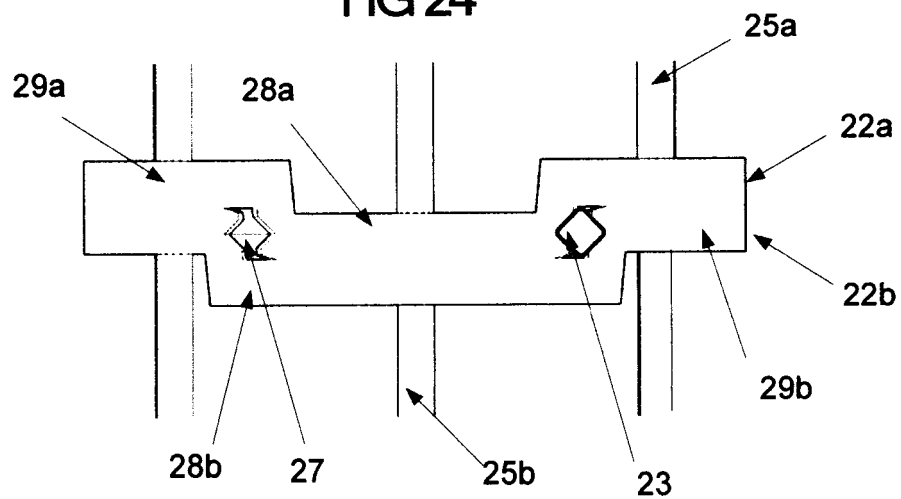
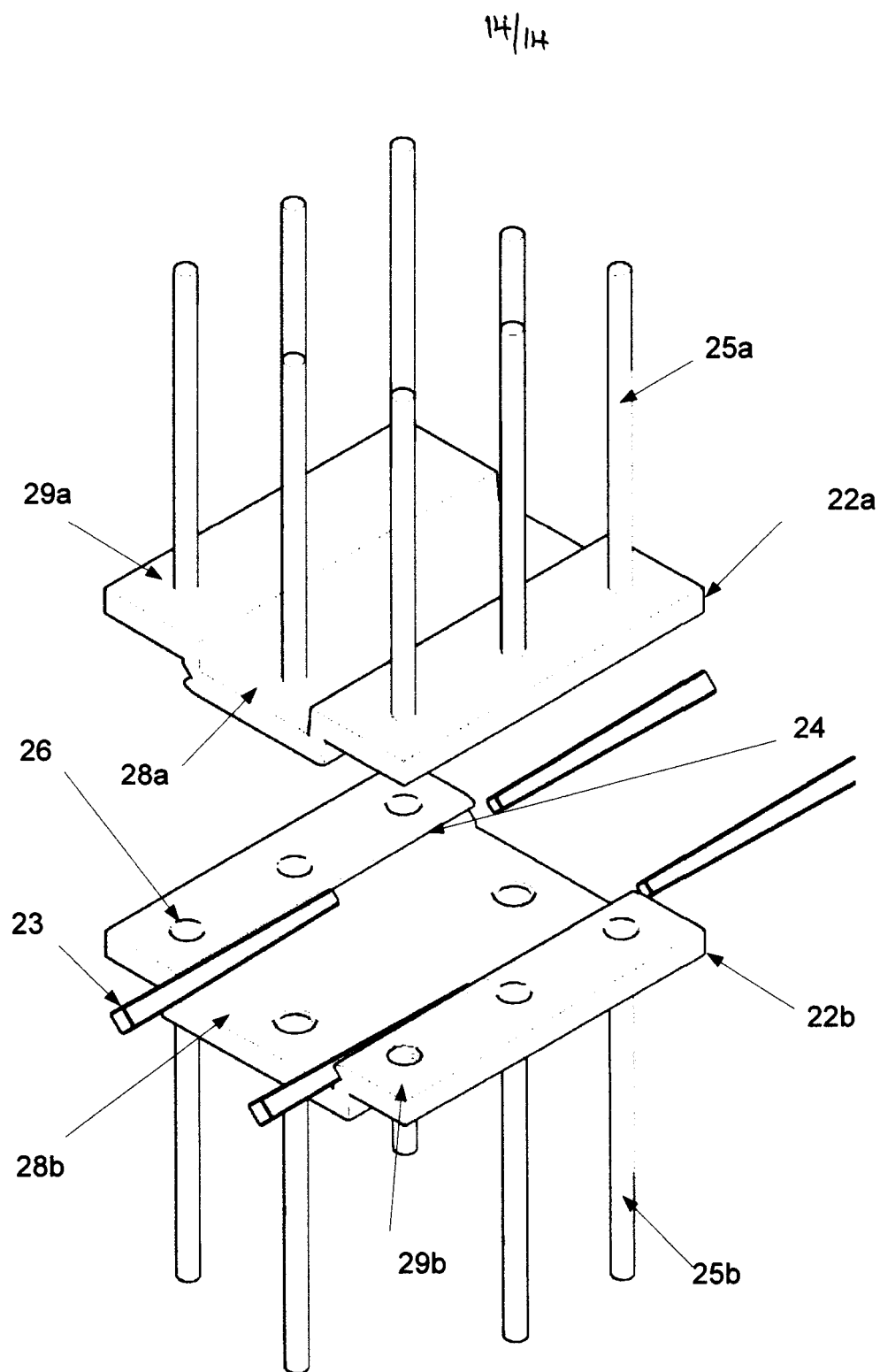


FIG 25

**FIG 26**