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(54) **METHODS AND APPARATUS FOR  
ORTHOPEDIC IMPLANTS**

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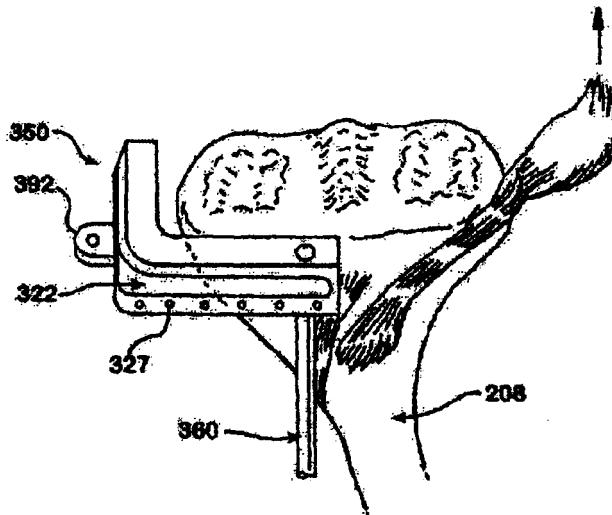
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(57) **ABSTRACT**

Methods and apparatus for orthopedic implants.

27 Claims, 40 Drawing Sheets



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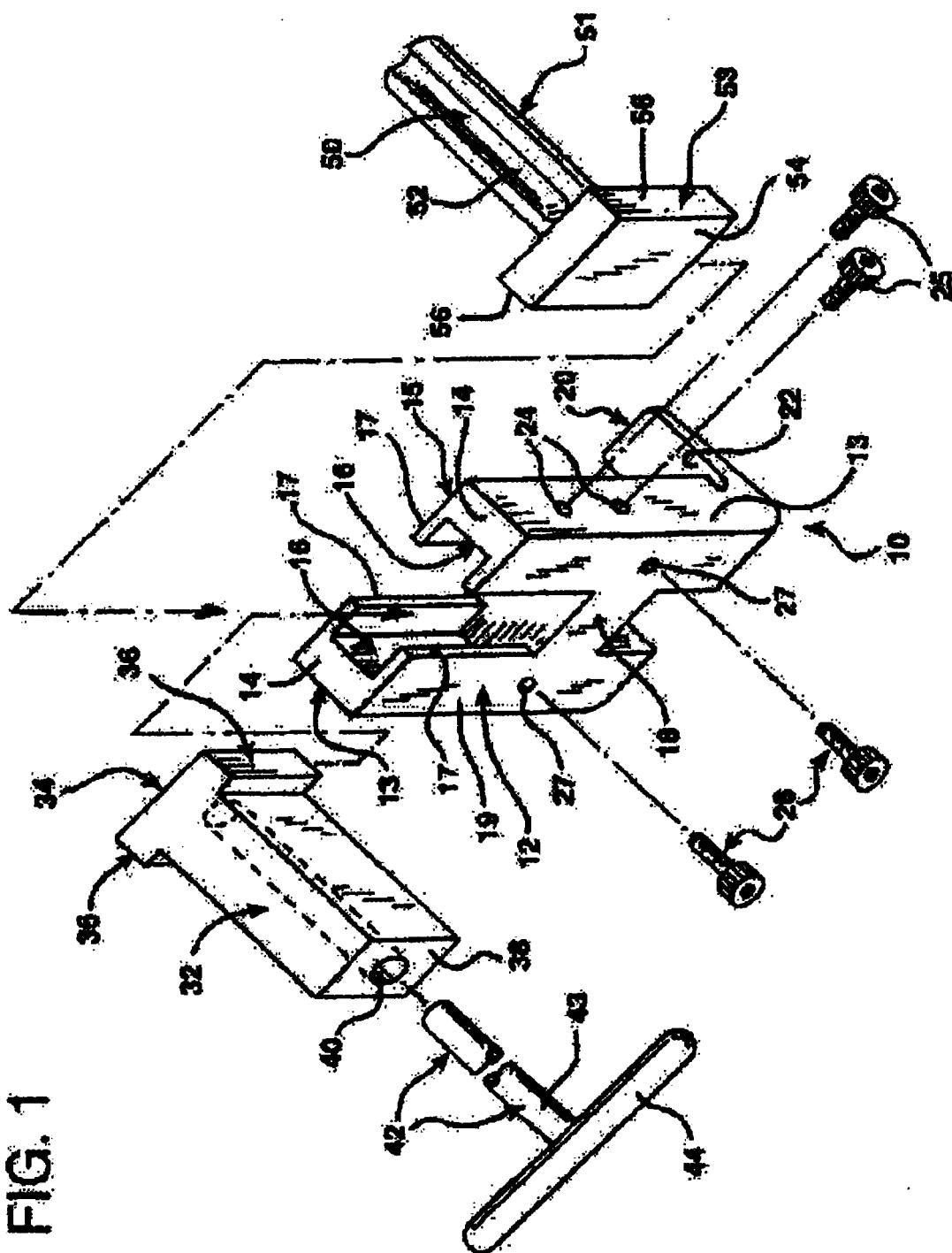
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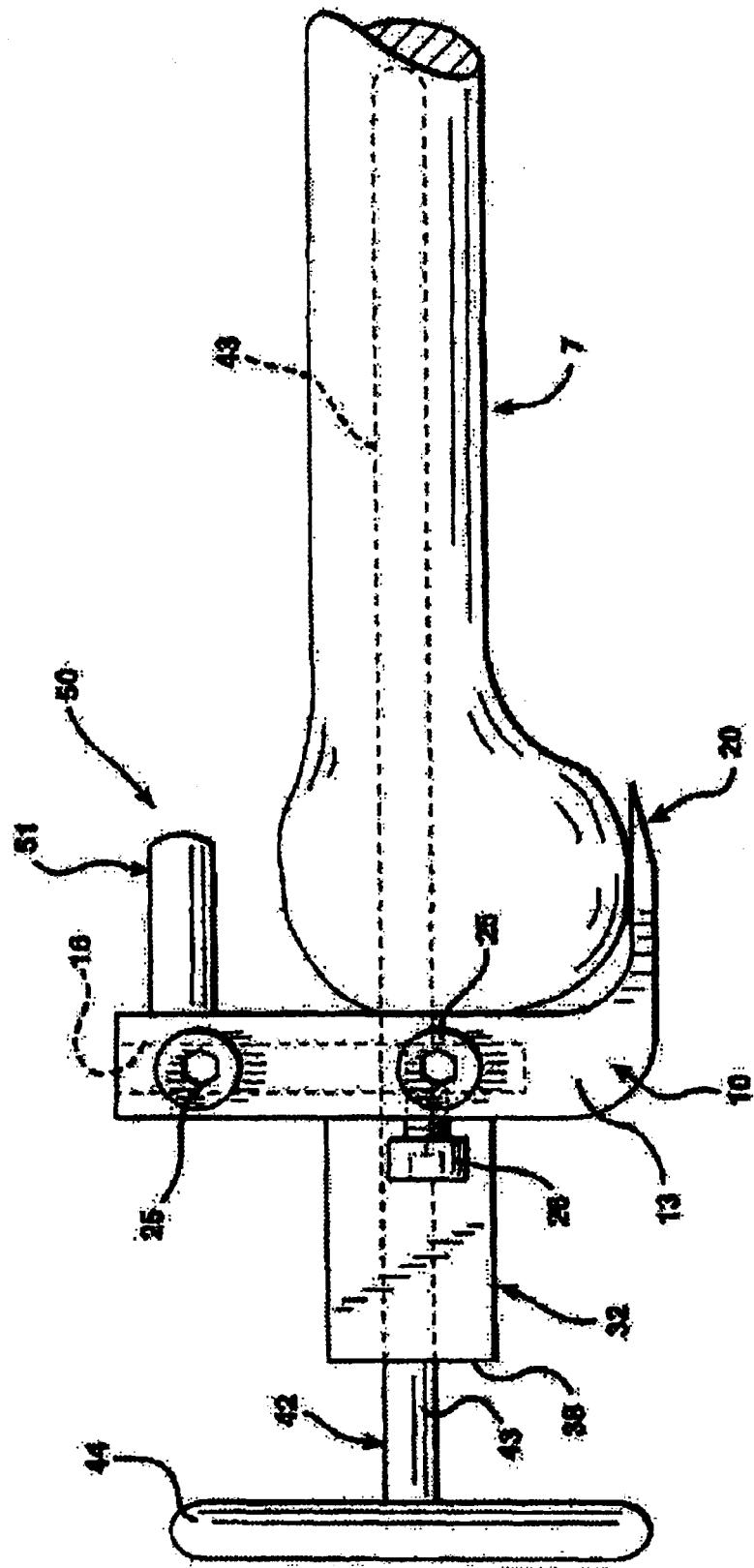


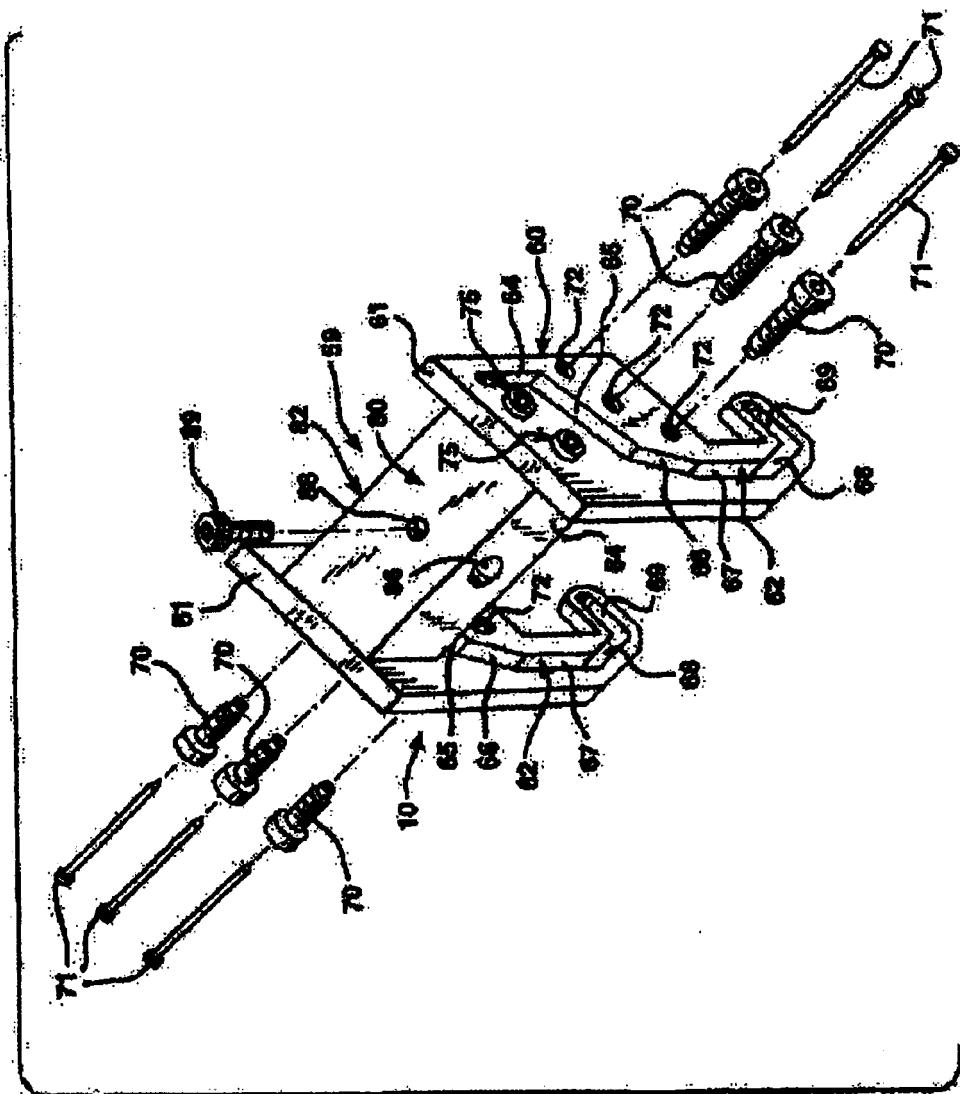
FIG. 2

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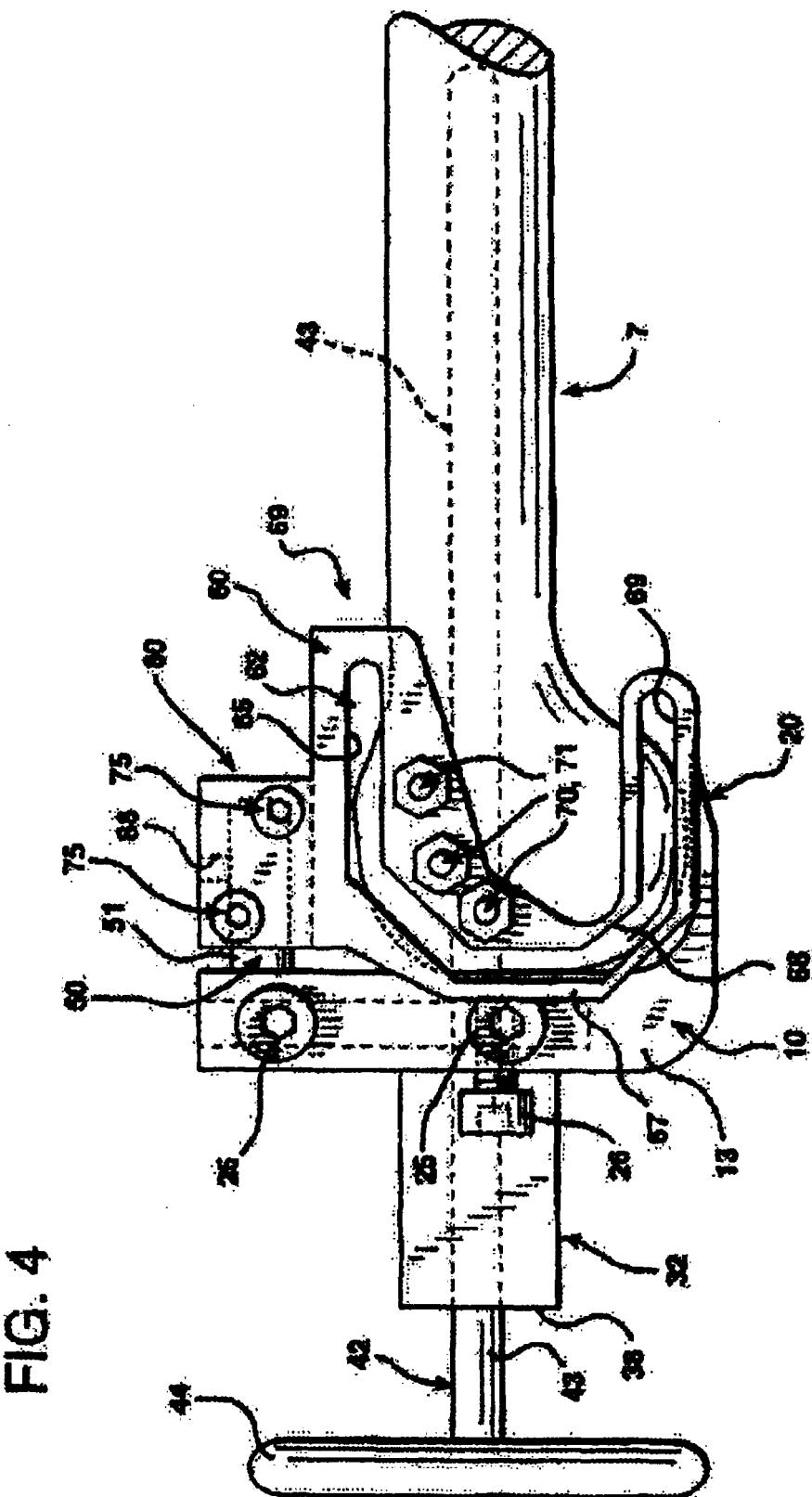
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FIG. 5

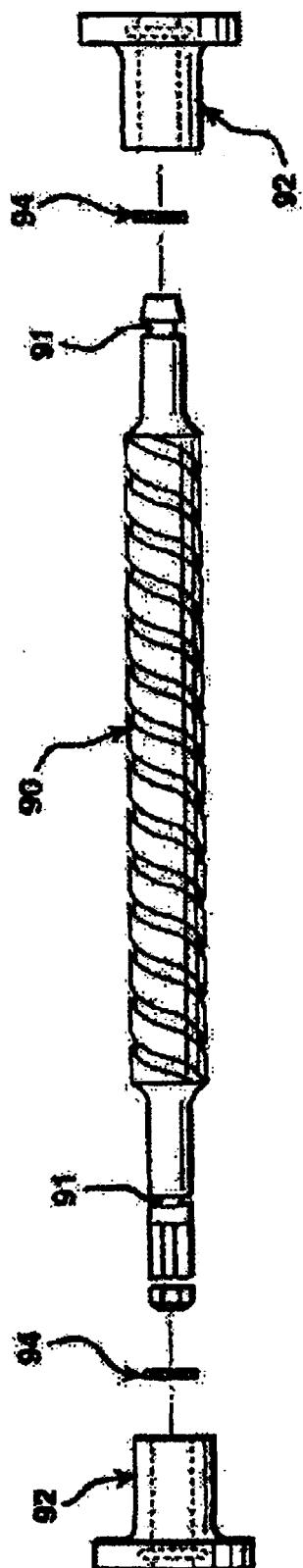
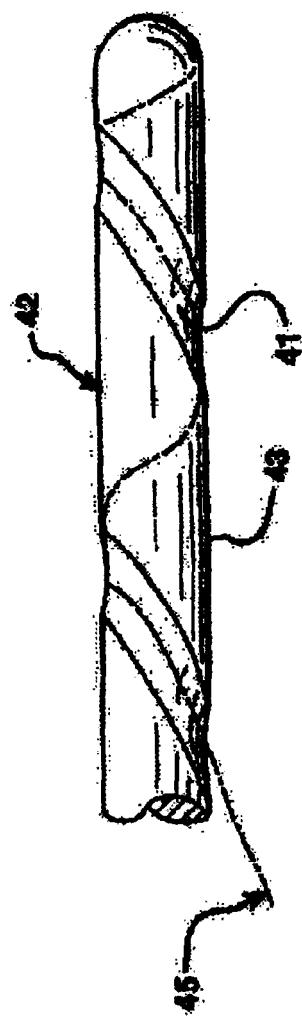


FIG. 7

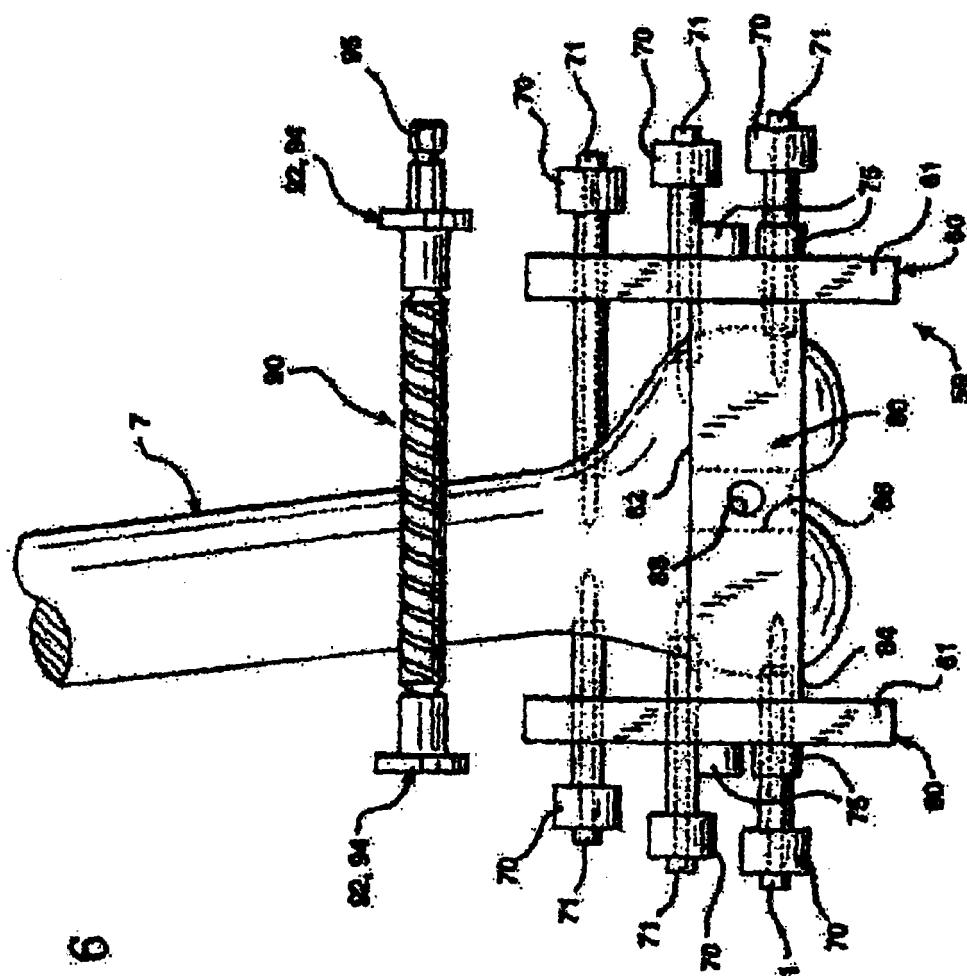


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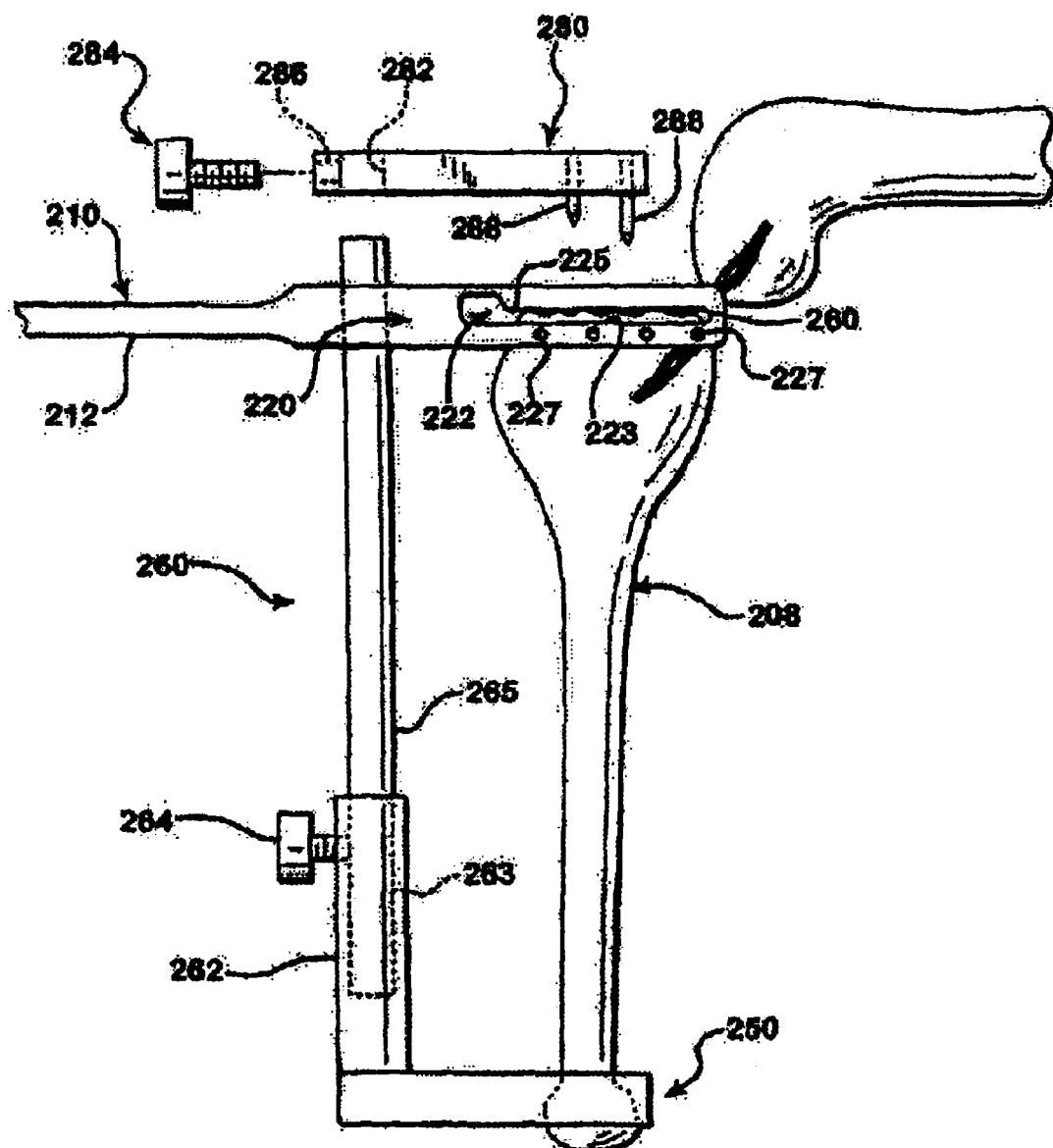
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**FIG. 8**



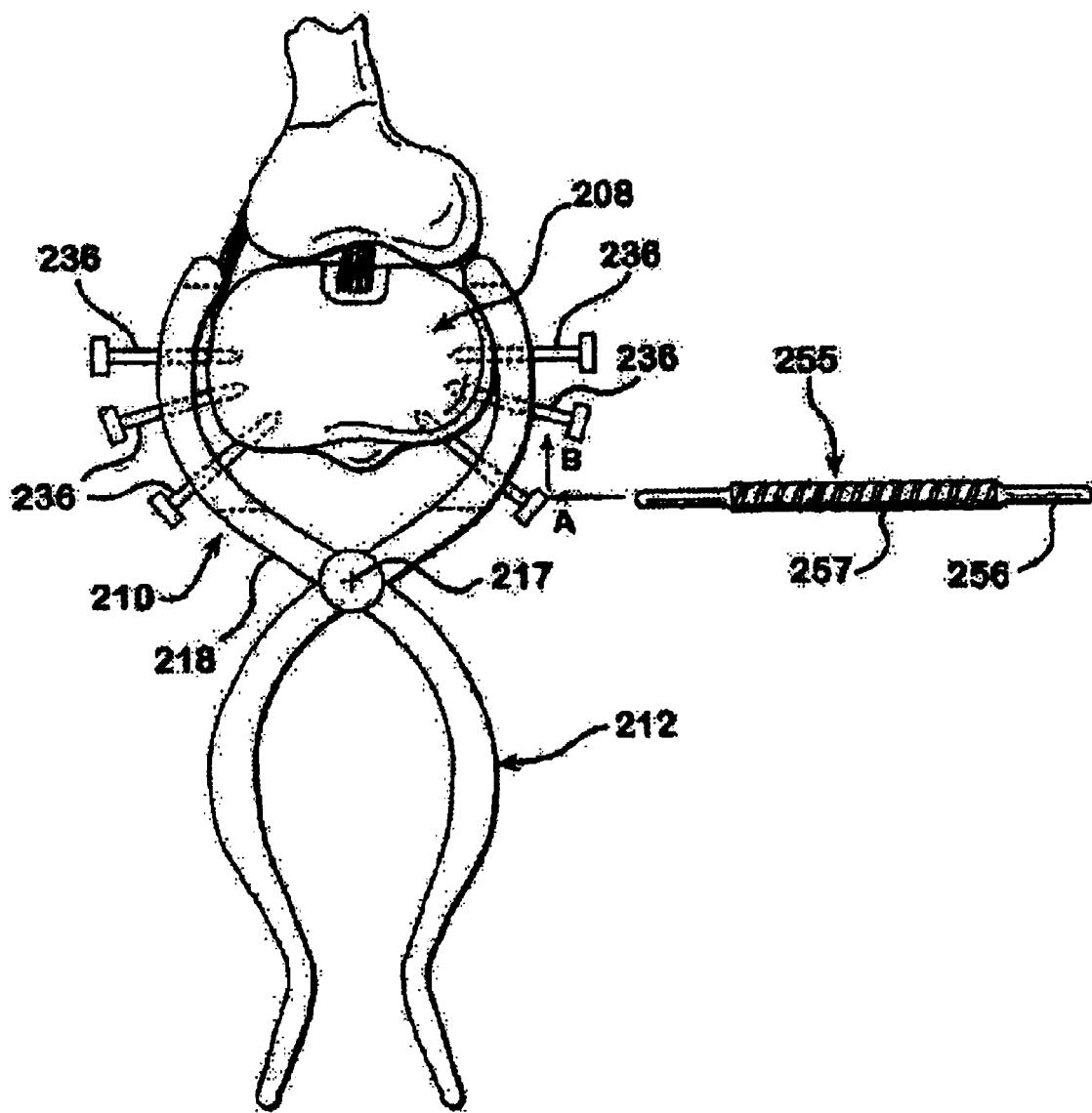
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**FIG. 9**



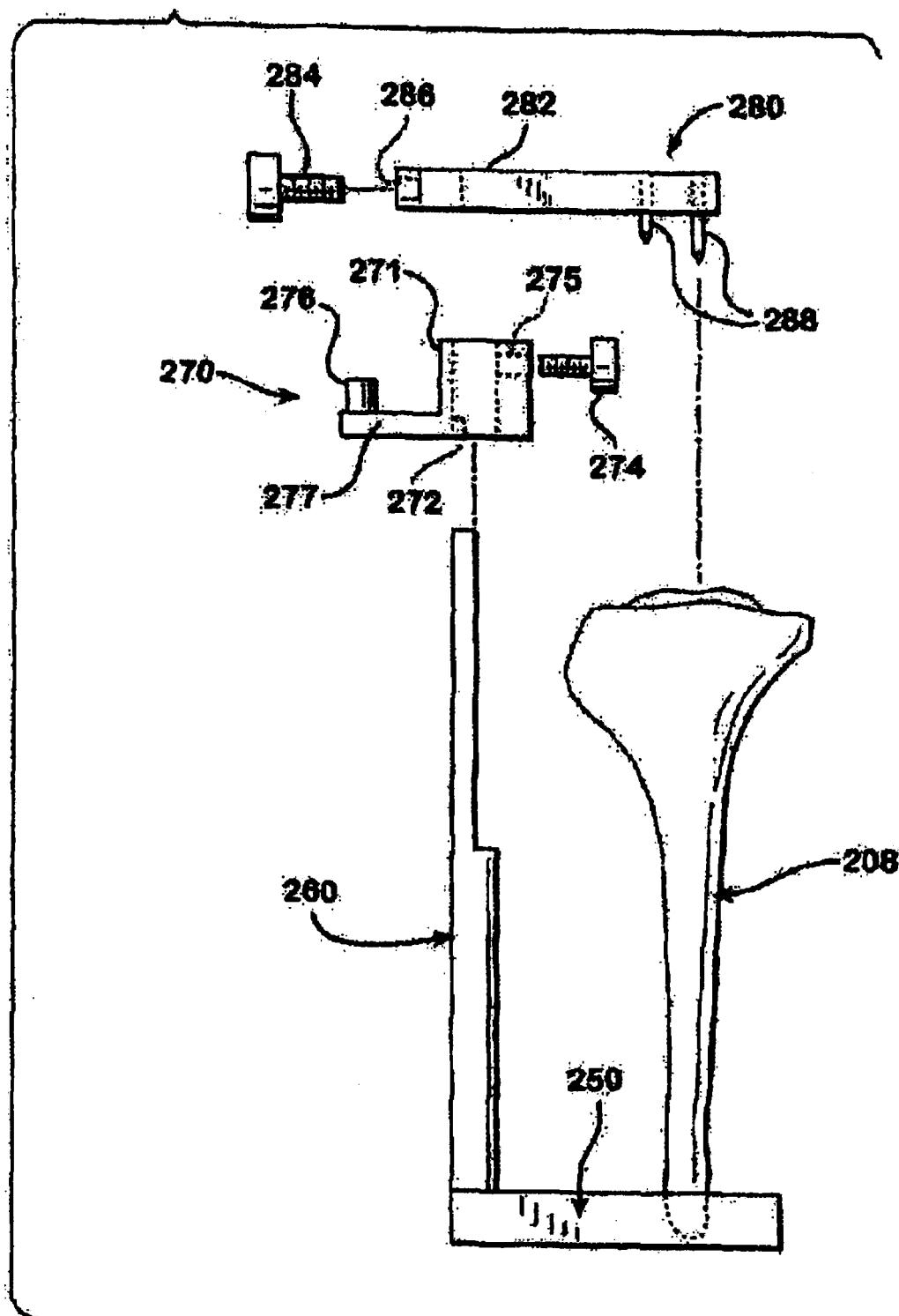
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**FIG. 10**

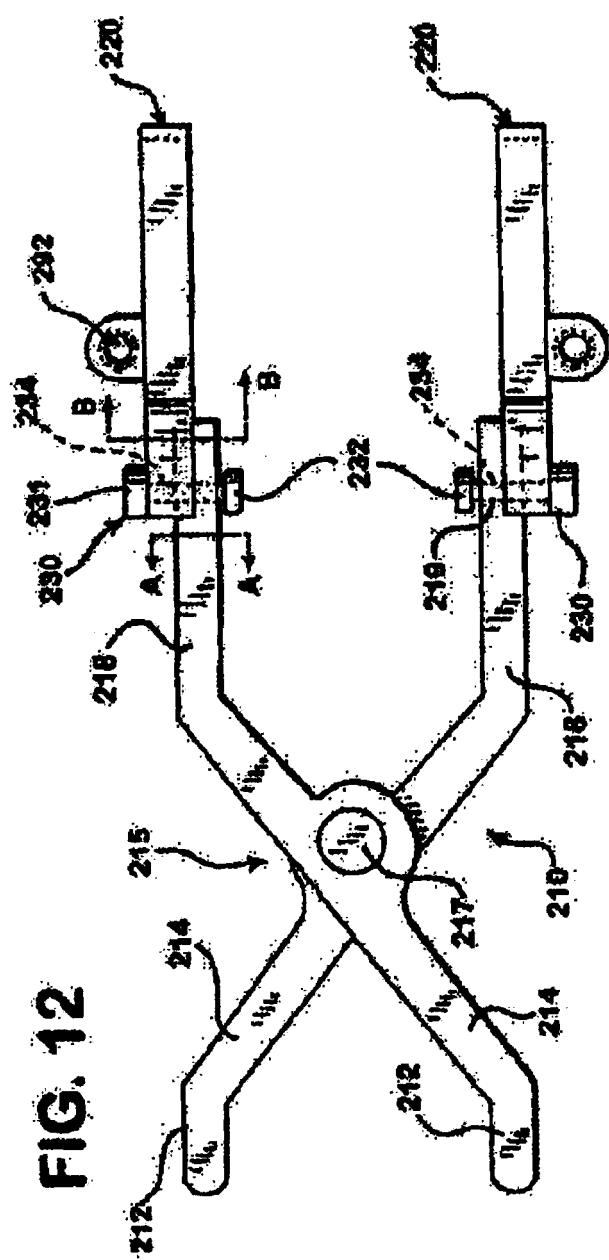
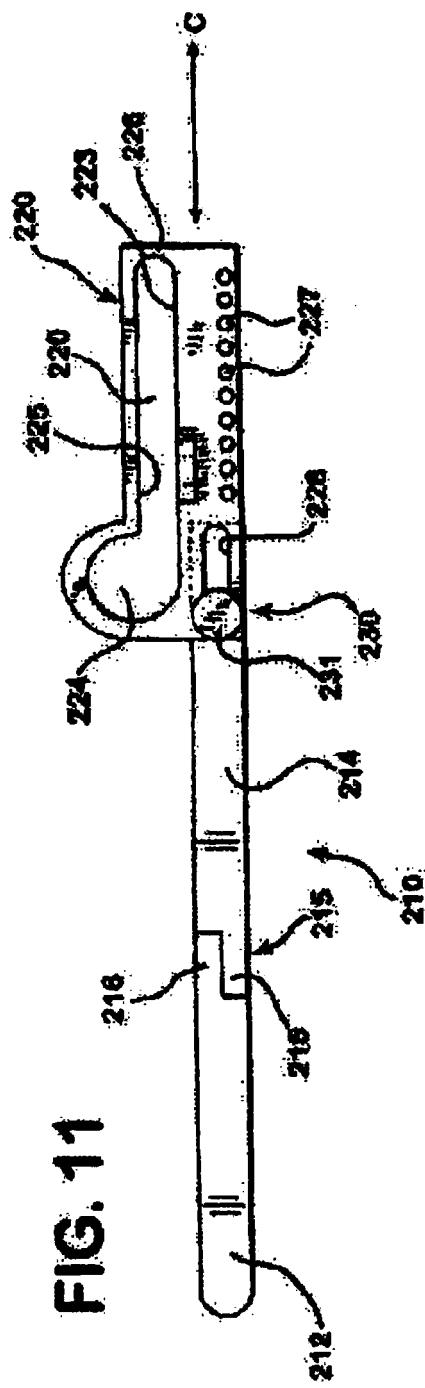


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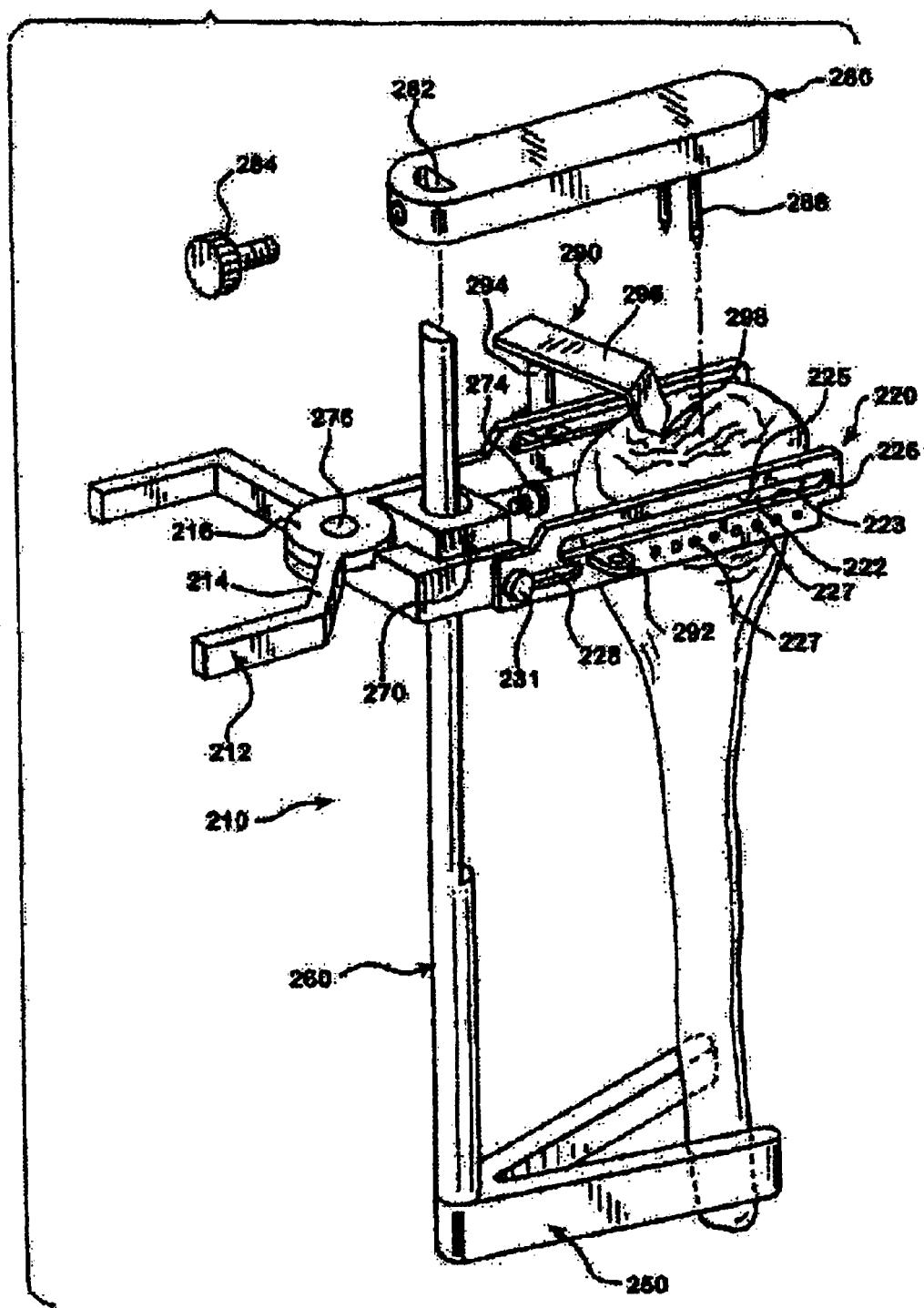
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**FIG. 13**



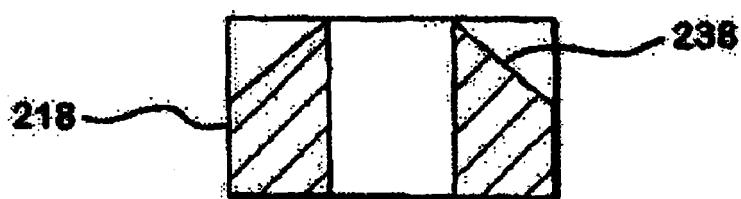
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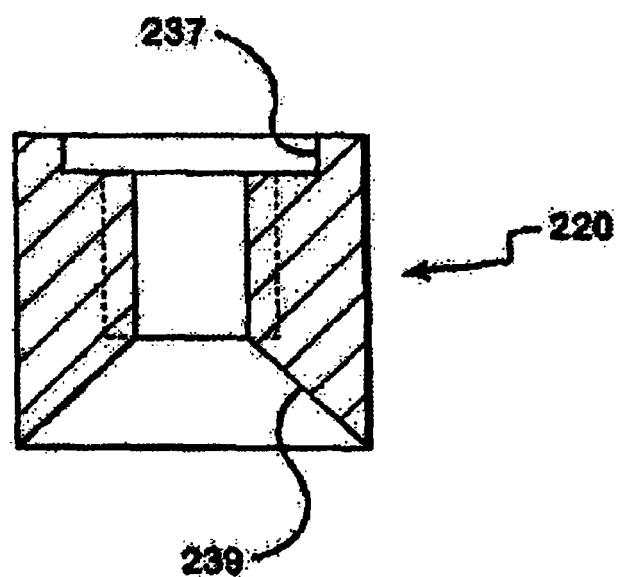
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## FIG. 14



## FIG. 15



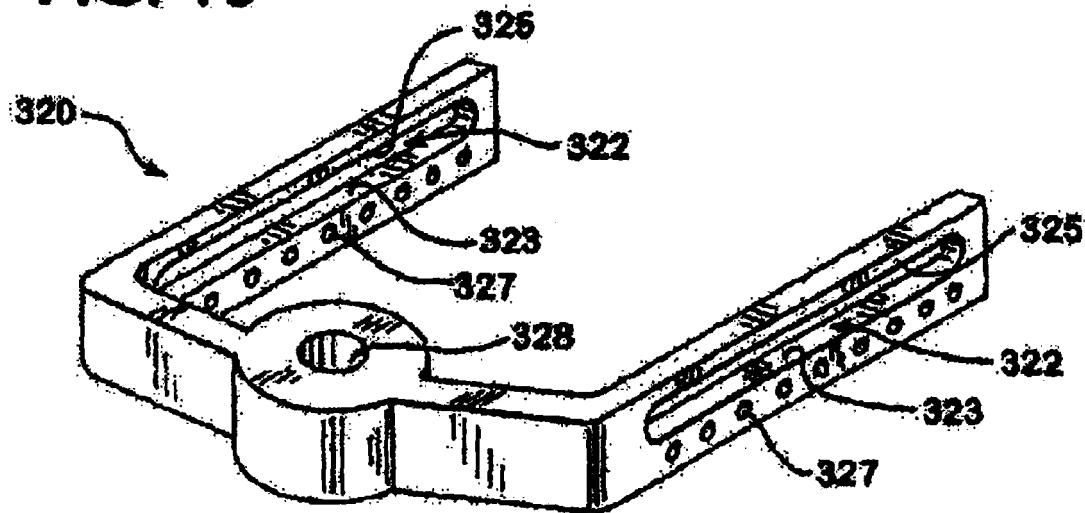
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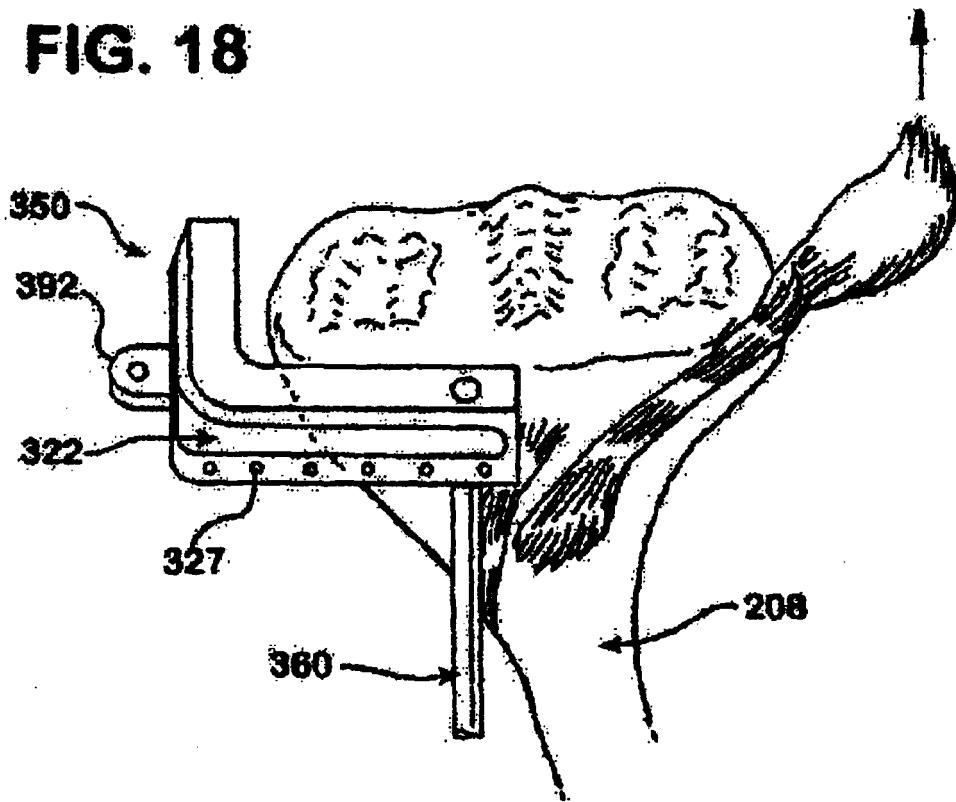
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**FIG. 16**



**FIG. 18**



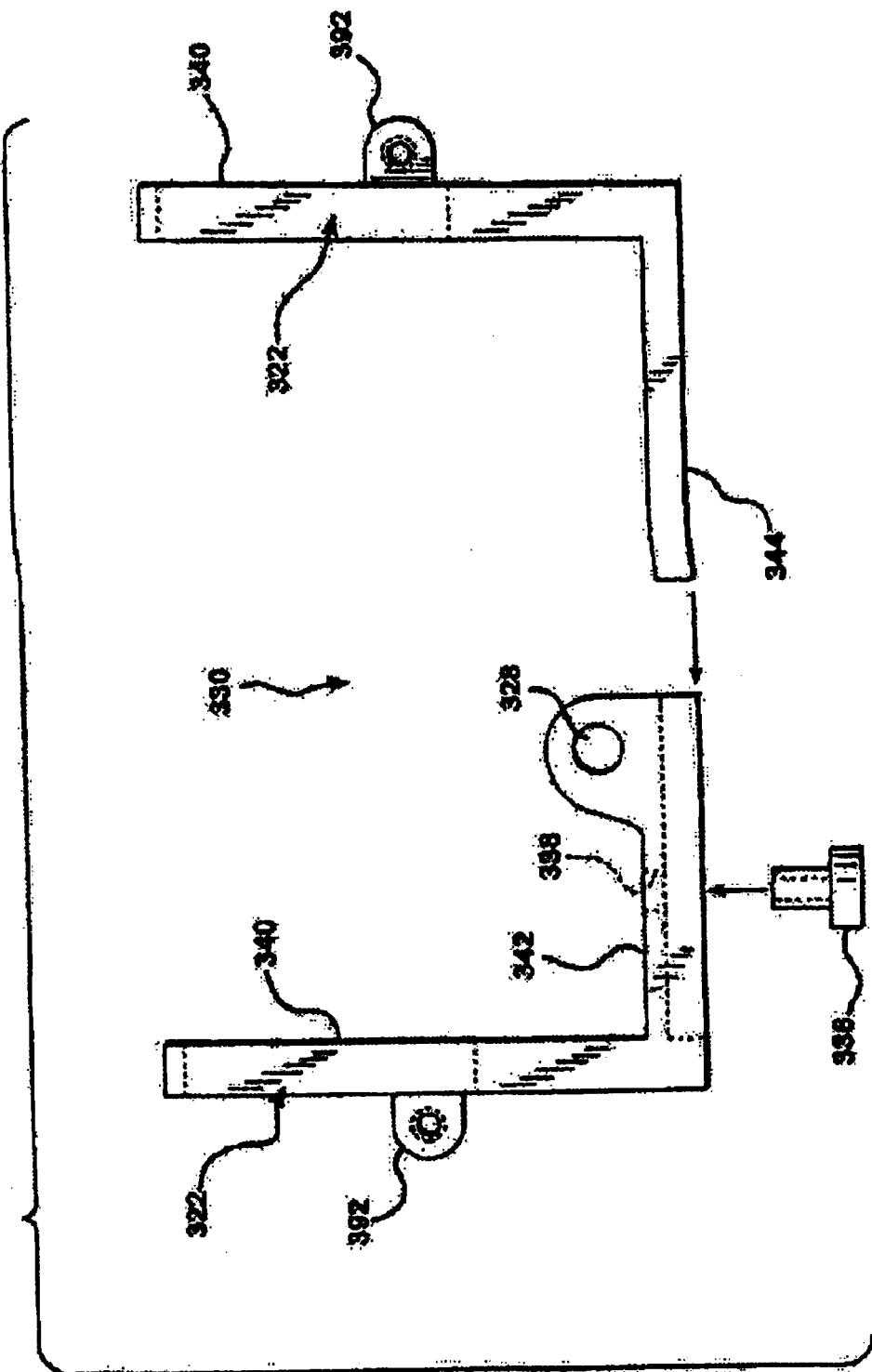
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FIG. 17



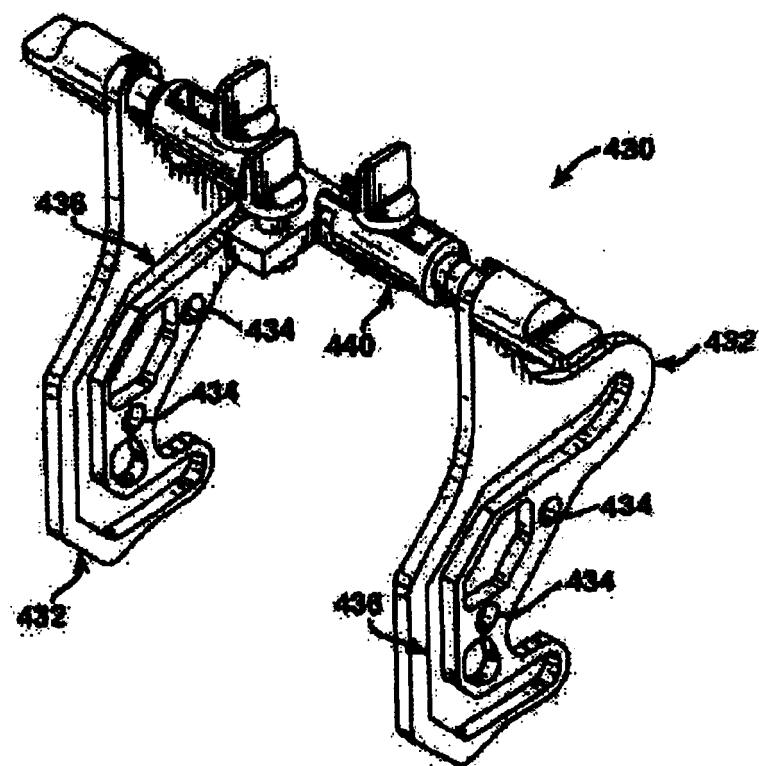
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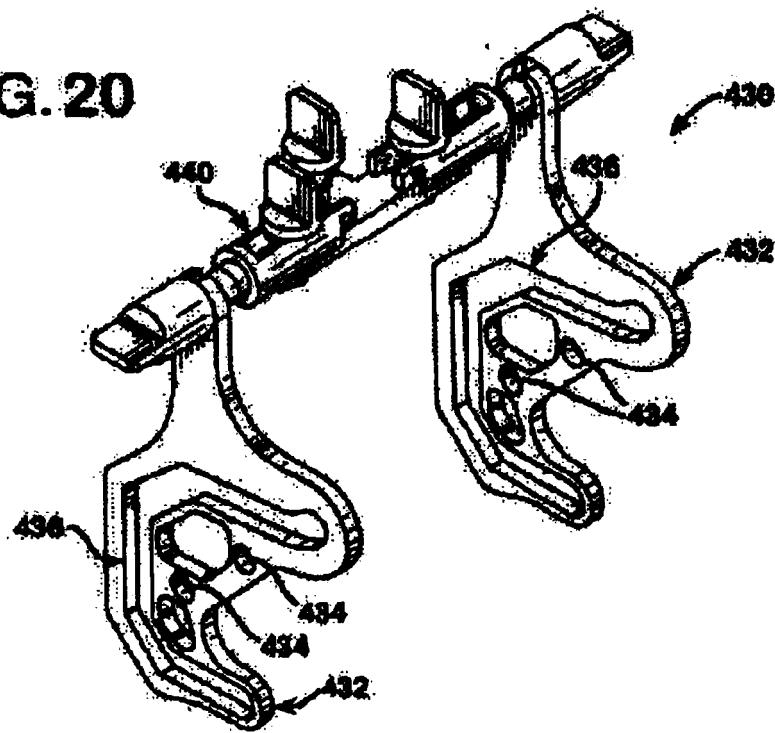
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**FIG.19**



**FIG. 20**



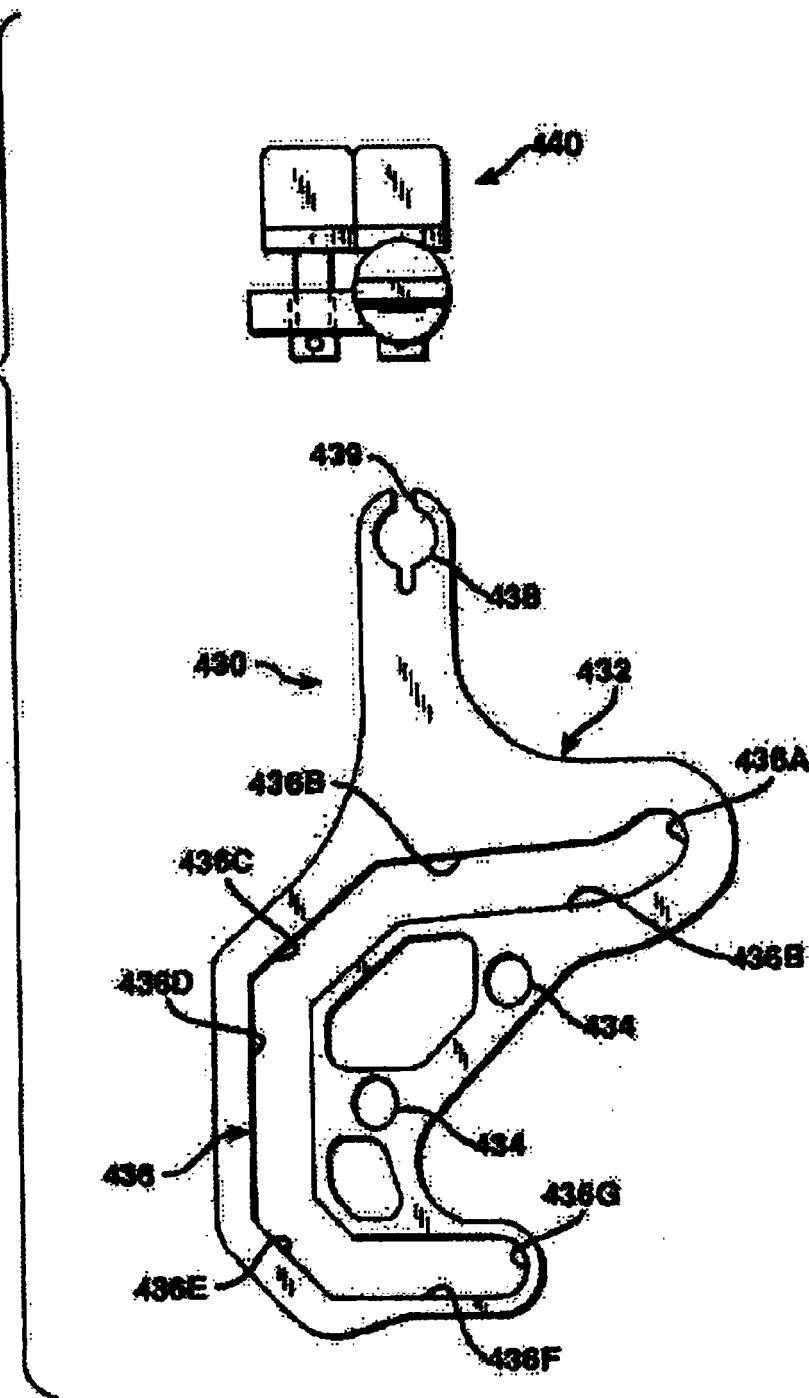
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**FIG. 21.**

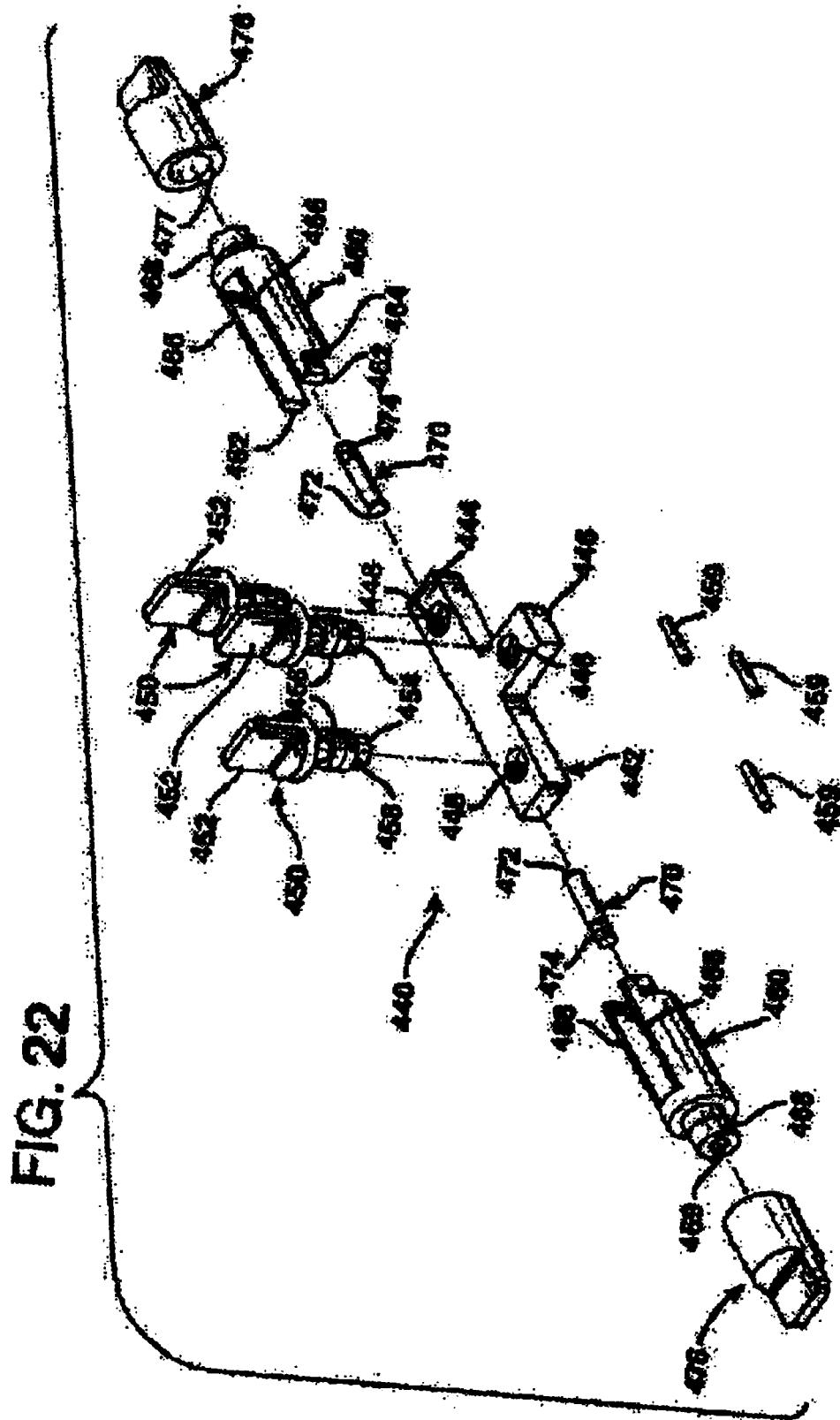


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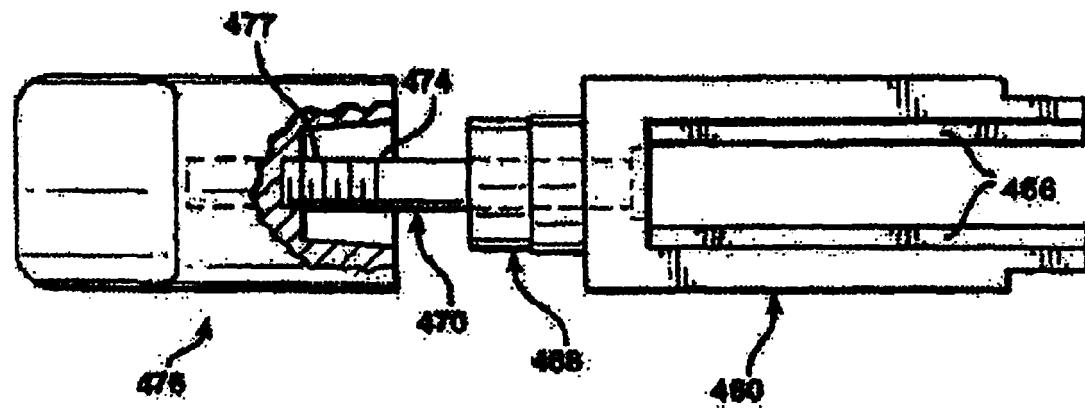
U.S. Patent

Jun. 28, 2011

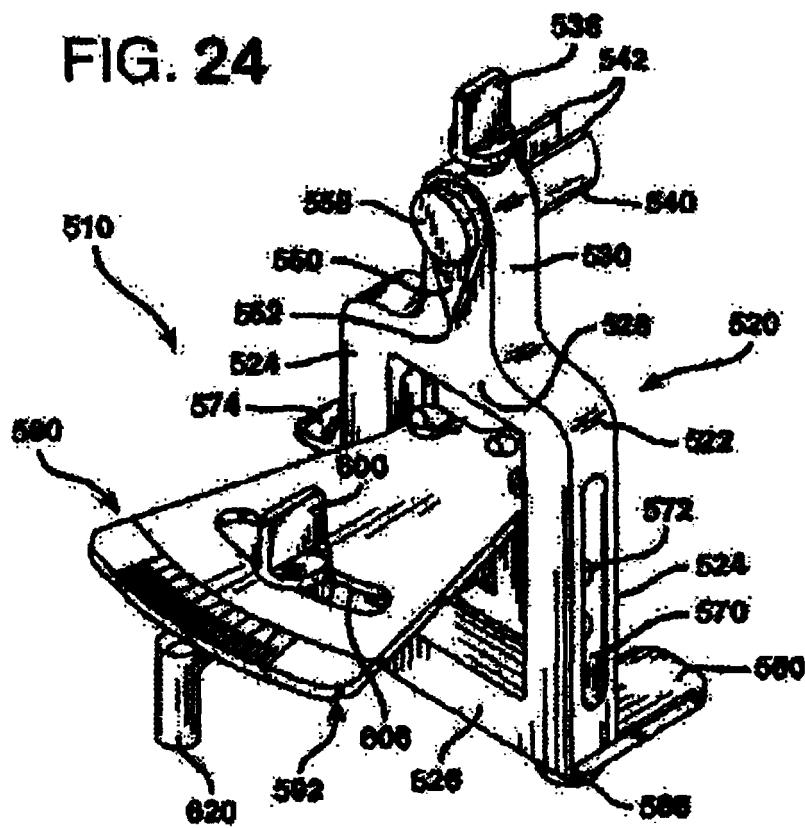
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**FIG. 23**



**FIG. 24**



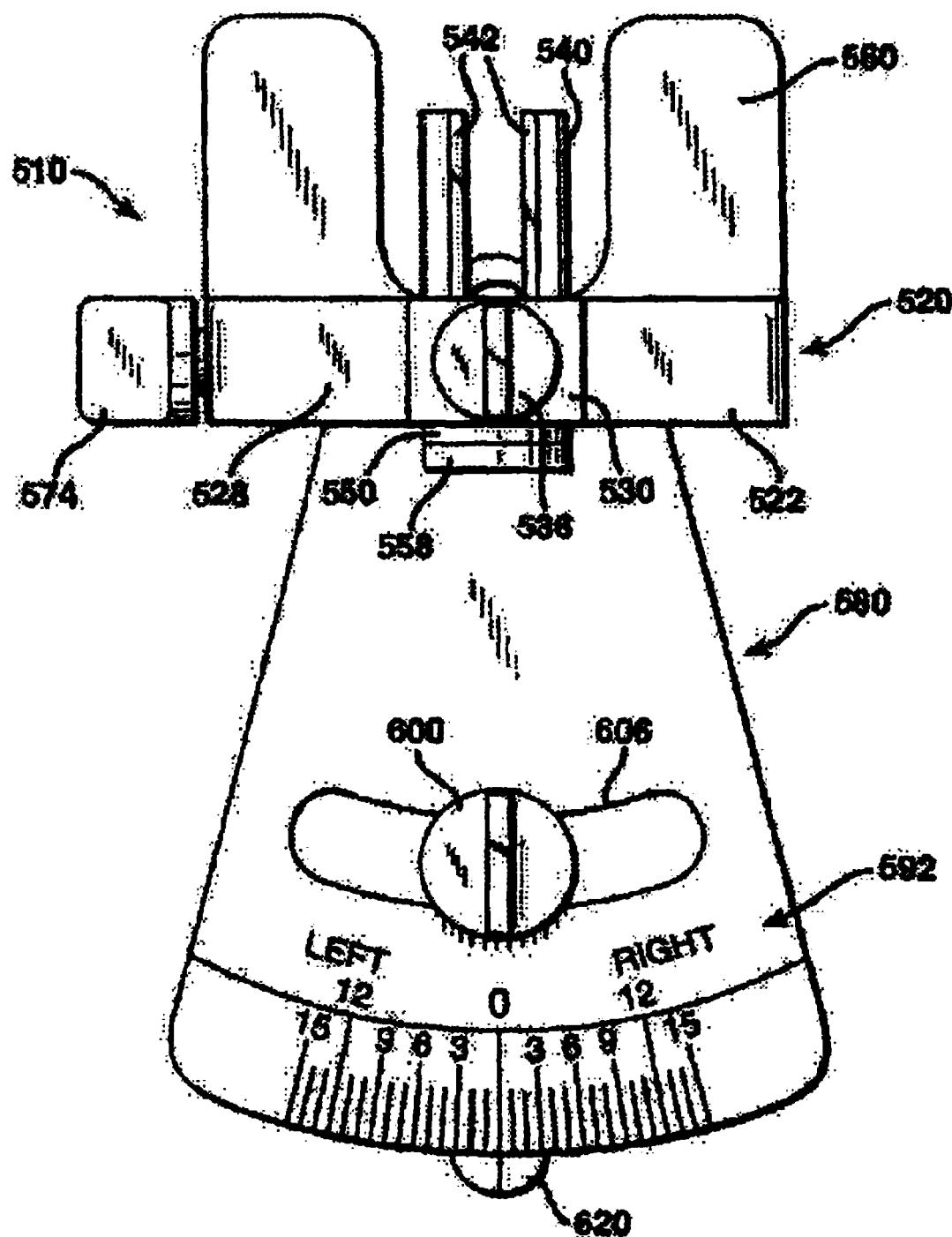
U.S. Patent

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## FIG. 25



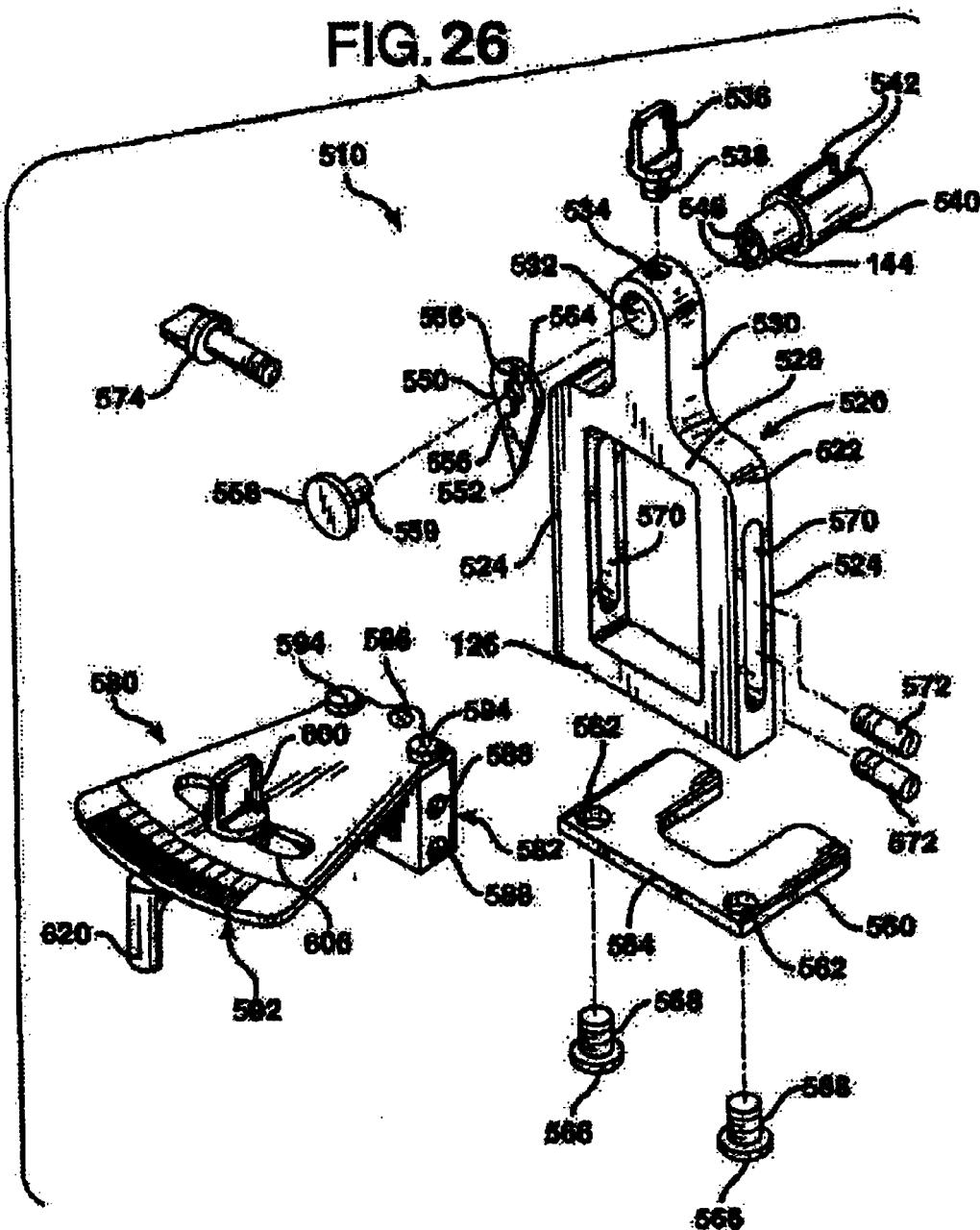
U.S. Patent

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FIG. 26



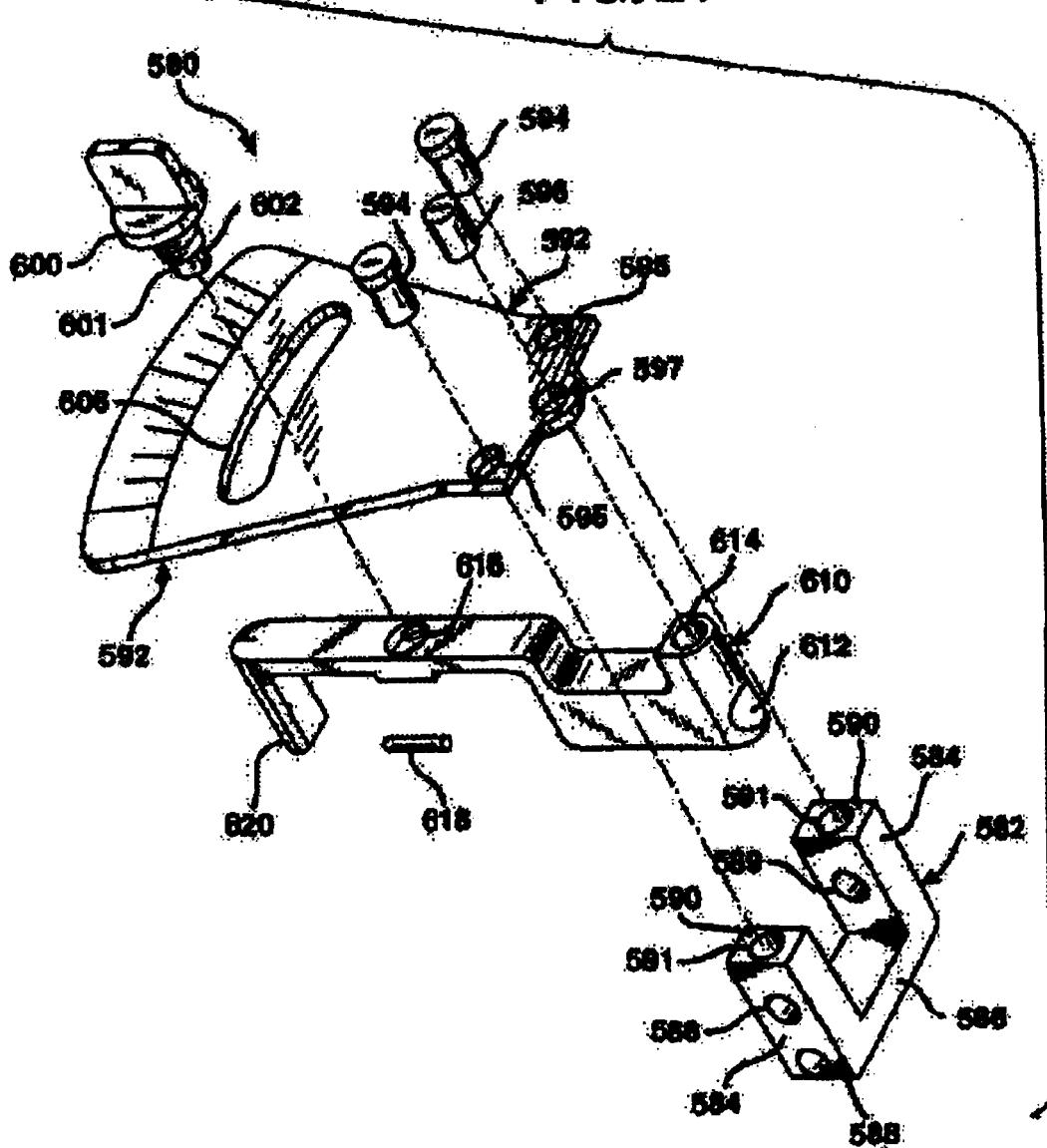
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FIG.27



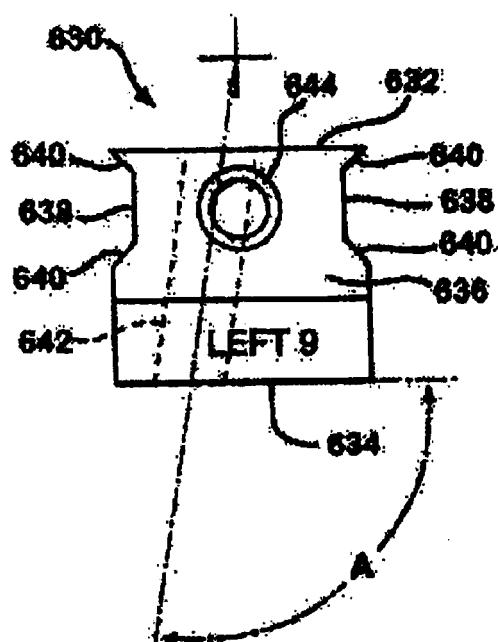
U.S. Patent

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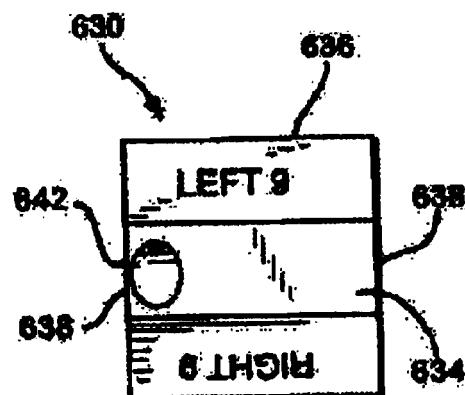
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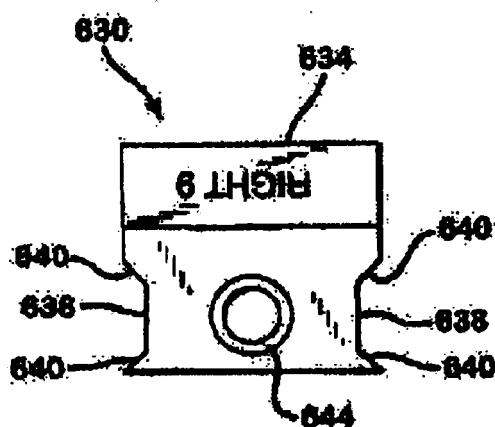
**FIG. 28A**



**FIG. 28B**



**FIG. 28C**



**FIG. 28D**

