

April 27, 1965

W. G. LEVY

3,180,494

GUN RACK

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2 Sheets-Sheet 1

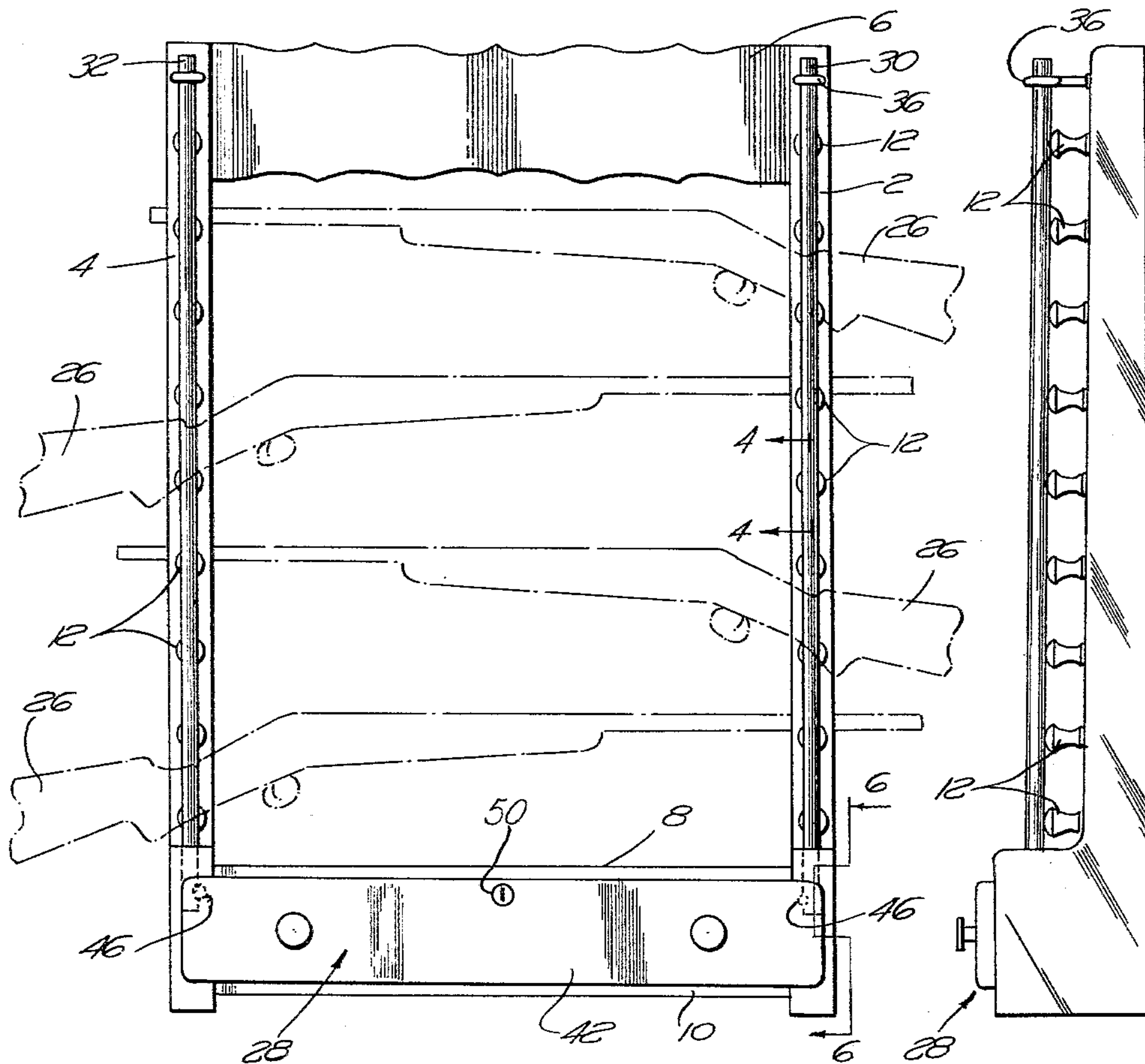


FIG. 1

FIG. 2

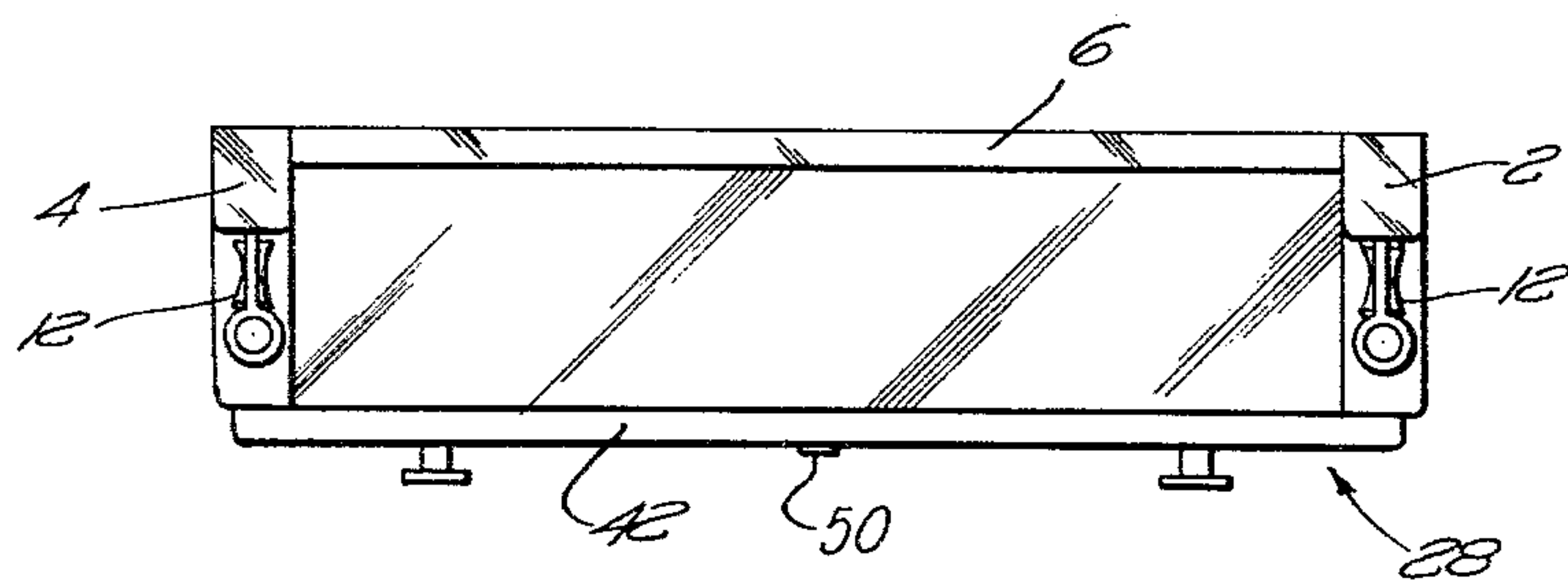


FIG. 3

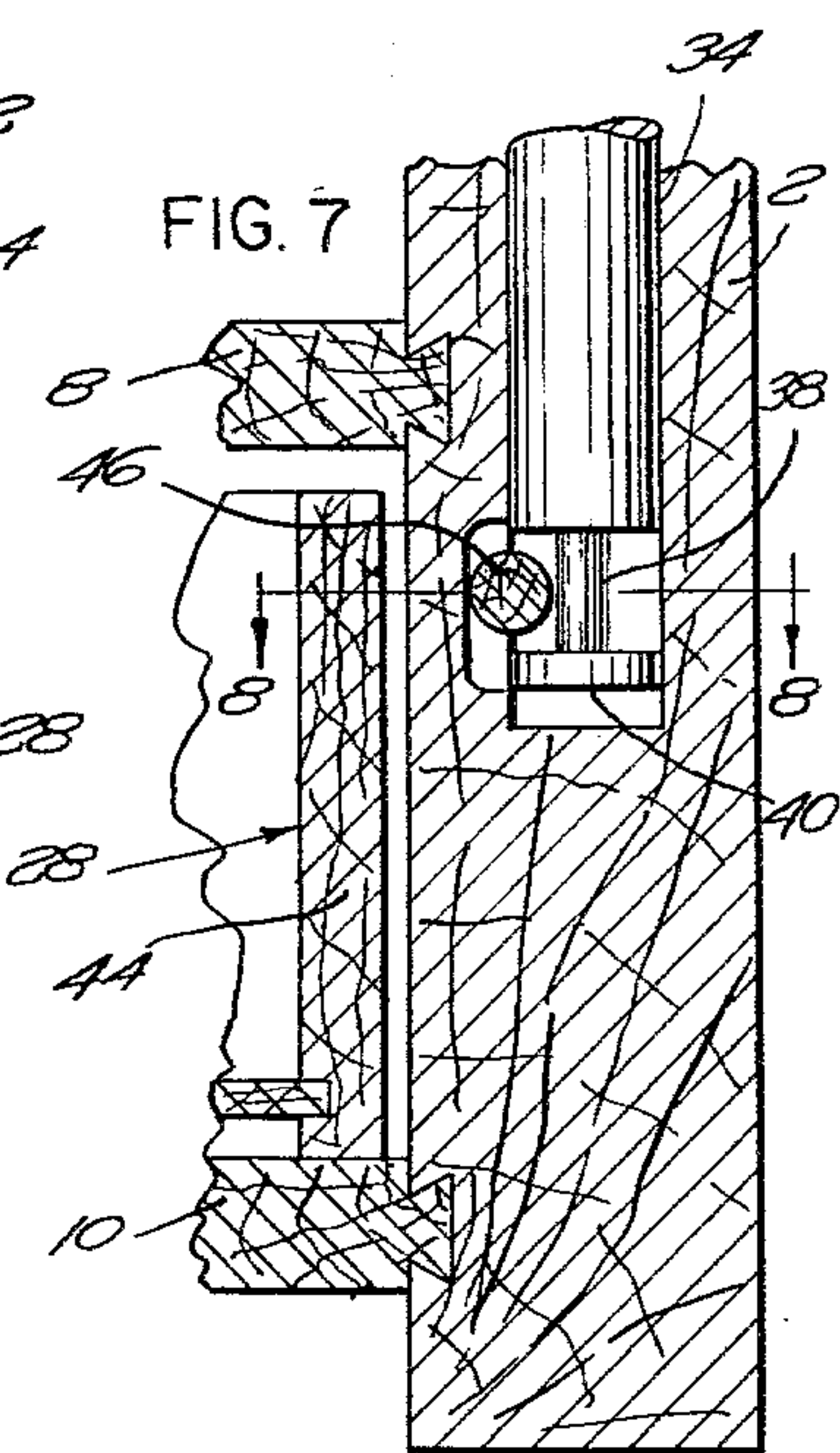
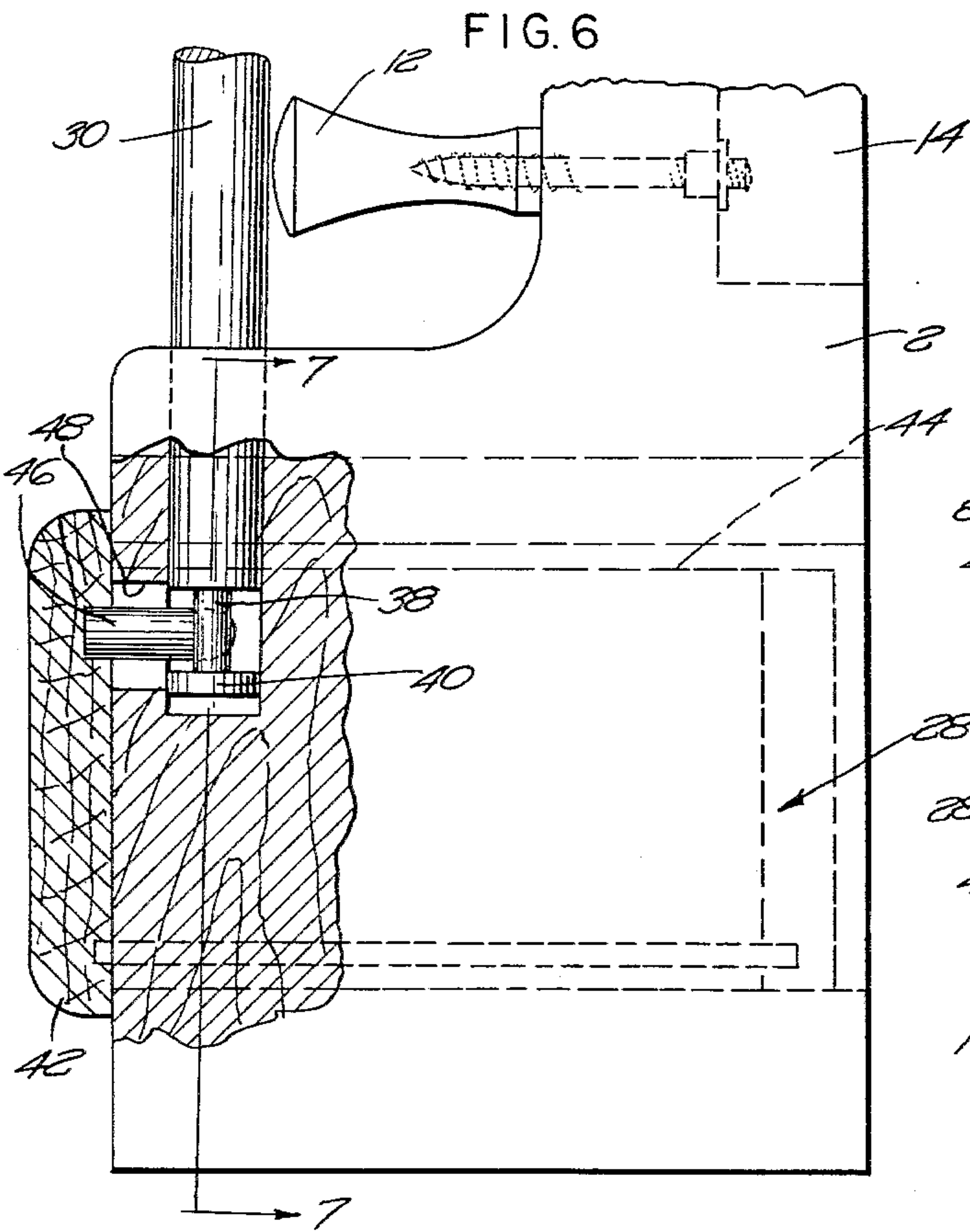
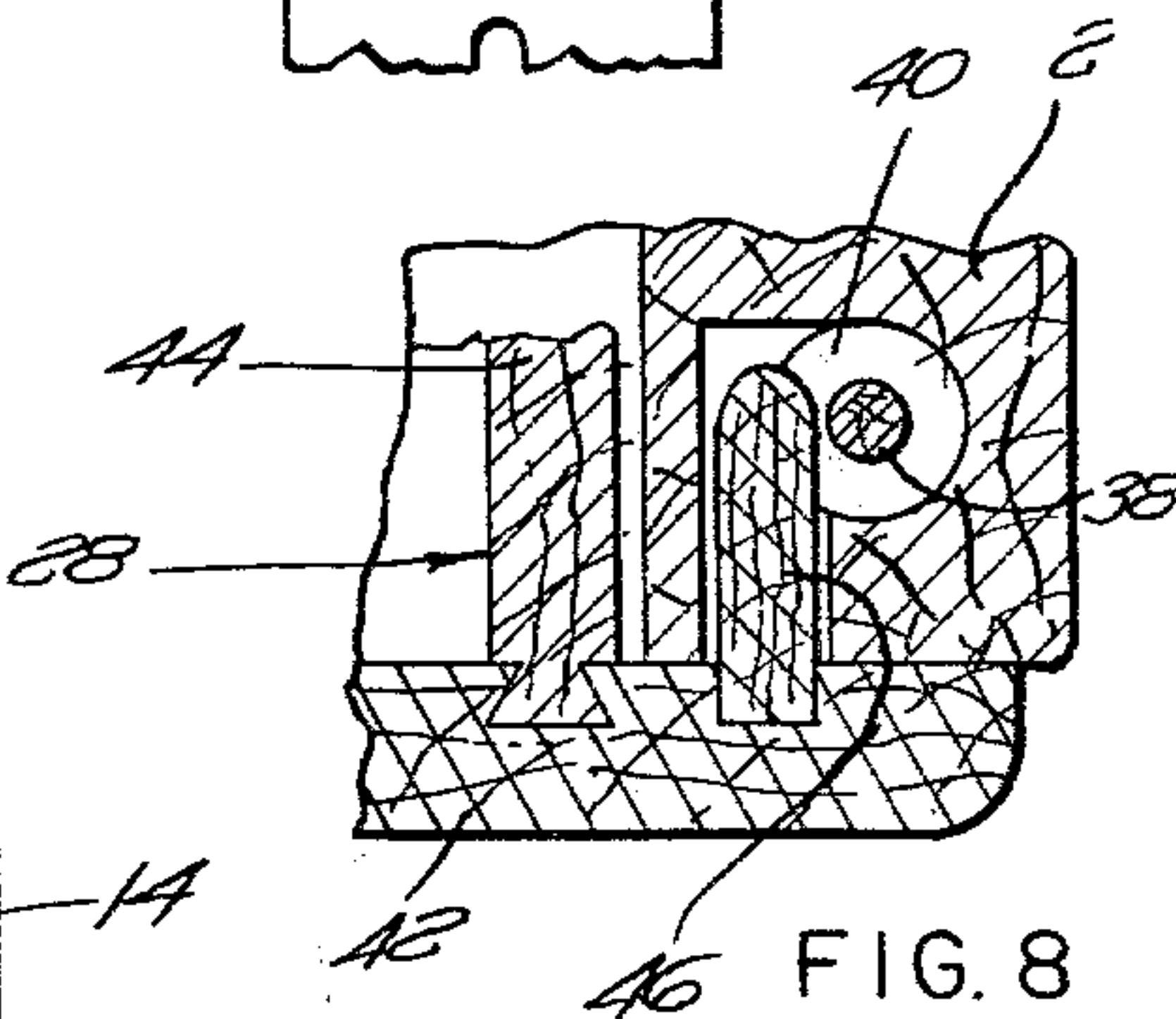
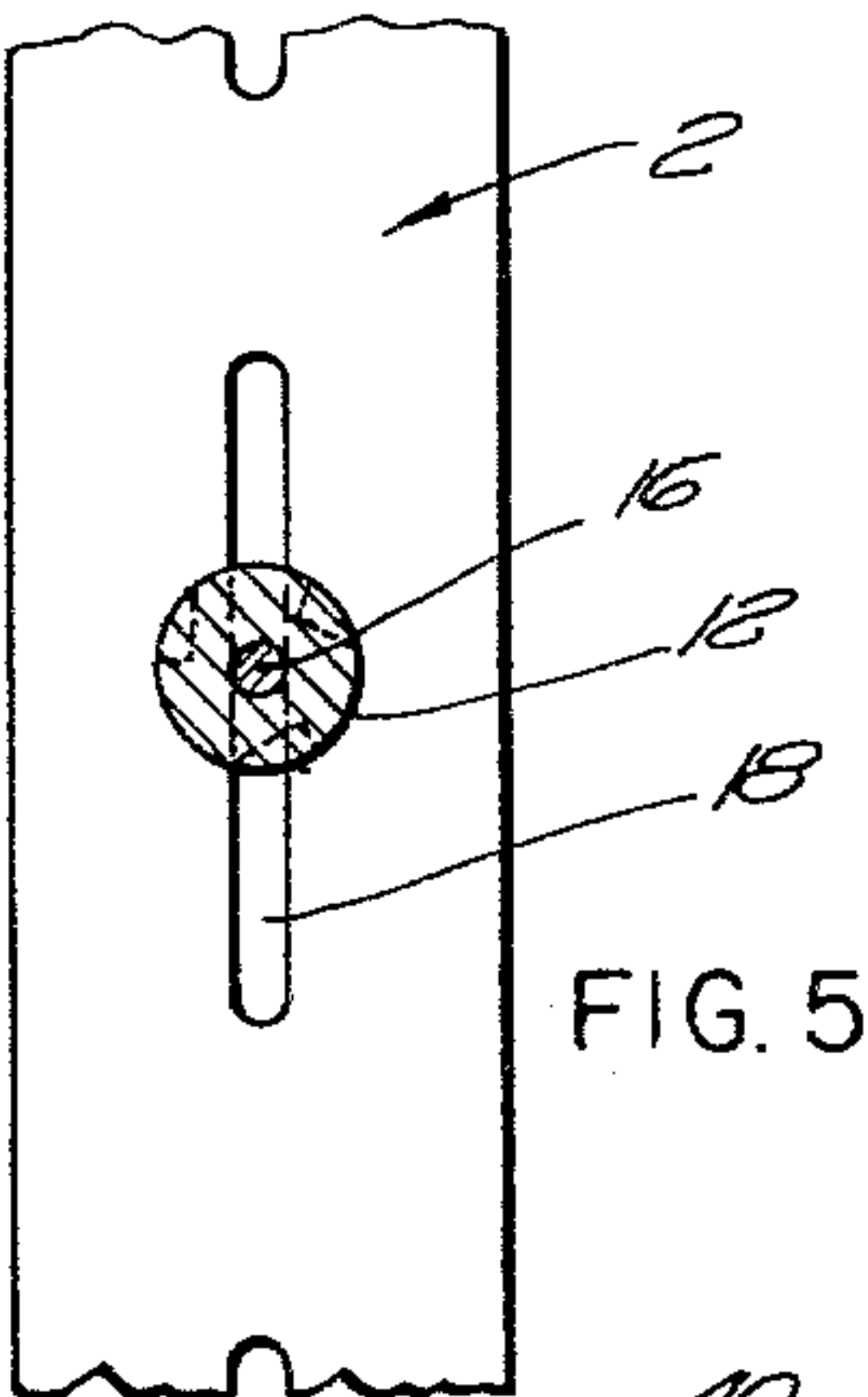
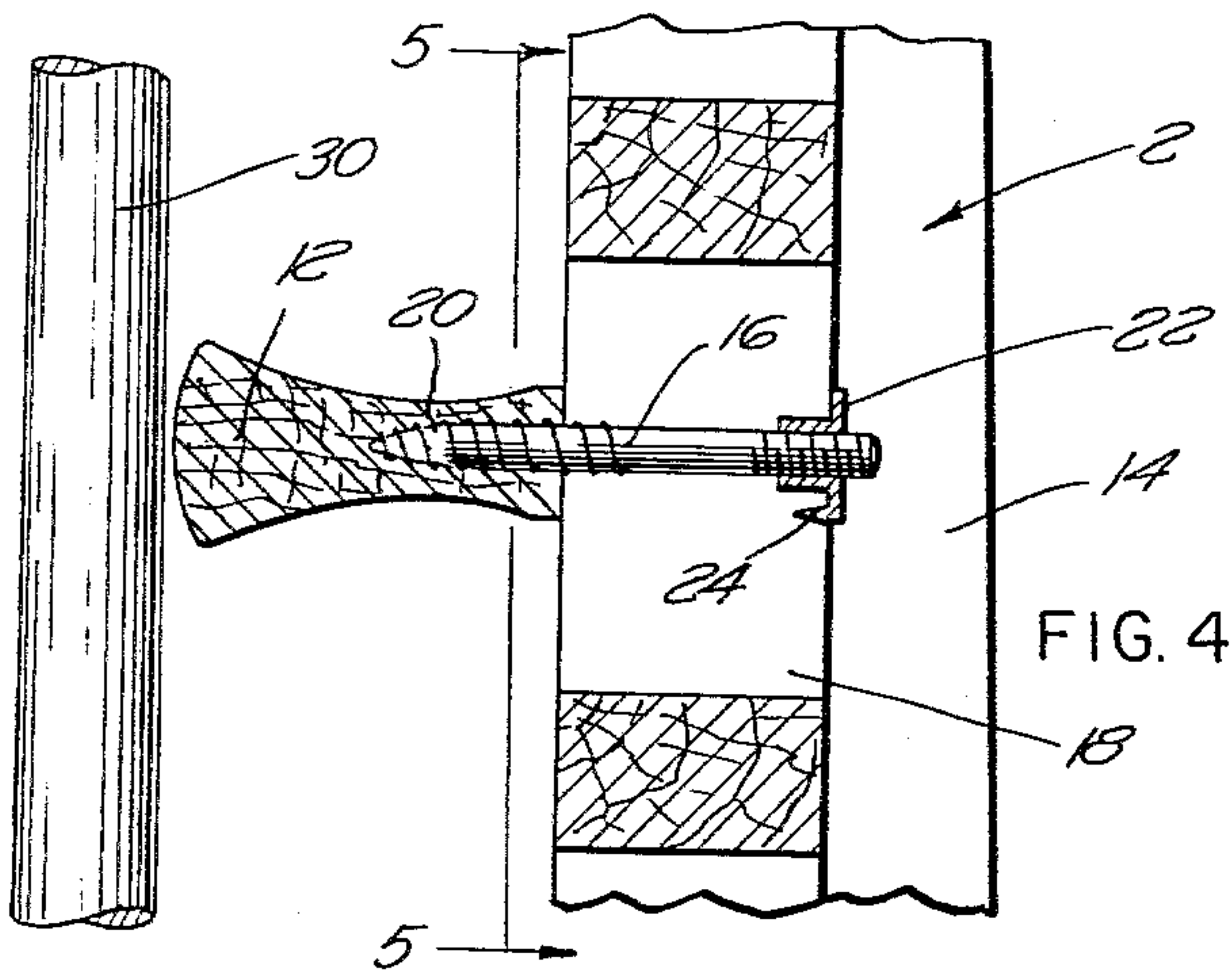
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GUN RACK

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4 Claims. (Cl. 211-64)

The present invention relates to a gun rack and more particularly to a rack for storing and displaying guns wherein the rack may be locked to prevent removal of guns from the rack and conveniently unlocked when desired.

An object of the invention is to provide a gun rack which is conveniently adaptable to guns of all types and sizes, being easily adjustable to receive differently shaped and sized guns.

A further object of the invention is to provide such a gun rack wherein the guns are displayed in horizontal position and may be accommodated in the rack with the stock either to the right or to the left.

A further object of the invention is to provide in such a gun rack a simple and dependable lock for preventing, when desired, removal of guns from the rack.

Another object of the invention is to provide such a gun rack having a lockable drawer for the accommodation of ammunition and gun accessories wherein locking of the drawer also locks the guns in the rack and unlocking and slight movement of the drawer toward open position permits removal of any selected gun, or all of the guns, from the rack.

Other objects, features and advantages of the invention will become apparent from the following description of a presently preferred embodiment thereof wherein reference is made to the accompanying drawings, in which

FIG. 1 is an elevation of the rack;

FIG. 2 is a side view looking toward the right side of FIG. 1;

FIG. 3 is a plan view;

FIG. 4 is a vertical detail sectional view taken on line 4-4 of FIG. 1 and looking in the direction of the arrows;

FIG. 5 is a vertical sectional view on line 5-5 of FIG. 4, looking in the direction of the arrows;

FIG. 6 is an enlarged detail side view of the lower part of the rack, partly broken away to show the construction of the locking means;

FIG. 7 is a vertical sectional view taken on line 7-7 of FIG. 6, looking in the direction of the arrows; and,

FIG. 8 is a detail horizontal sectional view taken on line 8-8 of FIG. 7 and looking downwardly, in the direction of the arrows.

Referring to the drawing, the gun rack comprises a pair of side rails 2 and 4 interconnected adjacent their upper ends by a cross member 6 and interconnected adjacent their bottoms by a pair of vertically spaced cross members 8 and 10. The side rails 2 and 4, as appears in FIG. 2, are enlarged to extend forwardly at their lower ends and above the enlargement are slightly tapered upwardly toward their upper ends. The rails are the same thickness widthwise of the rack throughout their extent.

Extending forwardly from each of rails 2 and 4 is a set of vertically spaced gun-supporting pegs 12. To provide for individual vertical adjustment of the pegs, each peg is secured to its rail as shown to best advantage in FIGS. 4 and 5. For this purpose, each rail is provided in its back surface with a rabbet 14, routed into the rail throughout the area in which the pegs are located. A hanger bolt 16 passes through a vertically elongated slot 18 in the rail and has its forward end threaded into the peg 12. The hanger bolt 16 extends slightly rearwardly into the rabbet 14 to receive a nut 22 having a prong 24 which engages the bottom of the rabbet 14, on the sides of the slot 18, to prevent rotation of the nut. Each of the

2

pegs 12 may be vertically adjusted by twisting it to unscrew the peg from the hanger bolt 16, pressing the peg rearwardly to disengage the prong 24, if need be, sliding the peg with the associated hanger bolt up or down to the desired position and retightening the peg. By means of such adjustment, the rack can be adapted to accommodate guns 26 of various sizes and shapes and with the stock disposed either to the right or to the left as desired, as is illustrated in FIG. 1.

A drawer 28 for the reception of ammunition, gun accessories, etc., is disposed between the side rails 2 and 4 and between the cross members 8 and 10, sliding on the latter.

A pair of gun-retaining rods 30, 32 is provided, one adjacent each set of pegs. As appears in FIGS. 6 and 7, a recess 34 is provided in the forwardly extending lower part of the side rail 2 for the reception of the lower end of the rod 30. The upper end of the rod 30 passes through an eye bolt 36 in which it is vertically slidable. The eye bolt 36 is secured to the rail 2 by means permitting rotation of its shank, as by threading it into the rail or securing it to the rail by a nut on the eye bolt at the back of the rail. The gun retaining rod 32 at the opposite side of the rack is mounted on the side rail 4 in the same manner. The gun retaining rods 30, 32 are mounted so close to the ends of the pegs 12 that a gun cannot be removed from the rack when the rods are in locking or gun-retaining position, with their lower ends in the recesses 34. The pegs adjacent an individual gun are vertically spaced so that the gun cannot be removed endwise out of the rack. The gun retaining rods 30, 32 can be removed from gun retaining position only by upward vertical movement of the rods.

Means is provided for preventing upward movement of the rods 30, 32 out of the recess 34 when the drawer 28 is in closed position. For this purpose, the lower end of each of the rods 30, 32 is provided with a portion of reduced diameter. This portion is provided by a stem 38 having fixed on its lower end a head 40, FIGS. 6, 7 and 8. The drawer 28 is provided with a drawer front 42 which extends sidewise at each side thereof sufficiently to overlap the side rails. Disposed on the back of the drawer front at such overlapping portions, outwardly of the sides 44 of the drawer, at each side of the drawer, is a peg 46. A recess 48, FIGS. 6 and 7, extending from the front face of the rail into the recess 34 is provided to receive the pegs 46 when the drawer is moved to closed position. In such closed position, the pegs 46 lie closely adjacent to the stem 38 and above the head 40 at the lower end of each of the gun retaining rods. Thus when the locking bars 30, 32 are in locking position, the pegs 46 are in position to prevent upward movement of the heads 40 and thereby prevent removal of the lower end of the locking bar from the recess 34 thus securing the locking bar against removal from its locking position. With this construction, only a relatively slight movement of the drawer 28 toward its open position is required to unlock the gun rack.

The rods 30, 32 may be removed from locking or gun-retaining position, when the rack is unlocked, by moving them vertically upward to free their lower ends from the recess 34 and then removed from the rack by passing them vertically upward through the eye bolts 36, or by swinging the lower end of the rod to the side to clear the forwardly projecting portion of the side rail and then moving the rod downwardly and out of its eye bolt 36.

When the rods 30, 32 are in gun-retaining position it will be noted that the eye bolts 36 cannot be rotated to effect removal and the pegs 12, also, cannot be removed from the rail.

The drawer 28 is provided with a lock 50 for locking it in its closed position thereby locking up the entire gun rack, drawer and guns.

The gun rack of the invention may be employed as a free standing rack, the lower end of the rails 2, 4 being placed on the floor or on a table, desk, or other support as desired. Conveniently, suitable means such as a conventional hanger, may be provided on the back of the cross member 6, or on one or both of the rails 2, 4 to permit the gun rack to be hung on the wall.

It will be seen from the foregoing that the invention has provided a simple, attractive and reliable gun rack wherein guns may be stored and displayed. When the gun-retaining bars have been removed, the guns may be placed in and taken out of the rack by moving them straight in or out and it is not necessary, as with some racks of the prior art, to pass the gun barrel endwise through an opening in the rack. The pegs 12, being vertically adjustable, may be positioned as desired to accommodate guns of various shapes and sizes, with or without telescopes or slings and with or without cheek plates. Adjustability of the pegs permits the guns to be placed in the rack so that they are shown to best advantage, with the best side of the stock forwardly, or so as to show the cheek plate, if desired. The locking arrangement is simple but effective and reliable. Closing and locking of the drawer with the gun-retaining bars in locking position locks up the entire rack. Unlocking of the gun-retaining bars can be accomplished simply by unlocking the drawer and moving it a short distance outwardly toward its open position, without removing the drawer or pulling it far forwardly with risk of removing it from its supports. The rack at the same time is of a pleasing design and appearance, providing an attractive and decorative piece of furniture.

I claim:

1. A lockable gun rack comprising two spaced, vertical side rails, cross members connecting said side rails, a set of vertically-spaced generally parallel gun-supporting pegs mounted on each rail, the pegs on each rail being individually and independently vertically adjustable on the rail, two gun-retaining rods, means for supporting one of said rods closely adjacent the free ends of each set of pegs in position to prevent removal of guns supported on the pegs, a drawer slideably supported between said rails, and means on said drawer and movable therewith for engaging and locking said rods against removal from said position, when said drawer is closed.

2. A lockable gun rack comprising two spaced vertical side rails, a cross member connecting said side rails, a set of vertically-spaced, generally parallel gun-supporting pegs extending forwardly from each rail, a drawer mounted on and between said rails and slidable forwardly toward open position, a vertical gun retaining rod, means for supporting said rod on said rails for upward movement out of gun-retaining position forwardly of and closely

adjacent the free ends of a set of pegs, and a projection on said drawer engaging said rod when the drawer is closed to prevent such upward movement, and disengaging from said rod when said drawer is in open position.

3. A lockable gun rack comprising two spaced, vertical side rails, a cross member connecting said rails adjacent their tops, a pair of vertically spaced cross members connecting said rails adjacent their bottoms, a set of vertically-spaced generally parallel gun-supporting pegs on each rail extending forwardly from the rail and vertically adjustable on the rail, a drawer disposed between said rails and between the cross members of said pair movable forwardly of said rails toward open position, said drawer having a drawer front extending sidewise to overlap said rails, a vertical gun-retaining rod disposed in a gun-retaining position forwardly of and closely adjacent to the free ends of the pegs of each set, means on said rails for supporting said rods on said rails for removal from said position only by vertical movement, and a projection on the back of said drawer front at each side thereof adapted when the drawer is closed to engage said rods to prevent removal thereof by vertical movement and adapted when said drawer is open to disengage said rods to allow removal thereof.

4. A lockable gun rack comprising two spaced, vertical side rails, a cross member connecting said rails adjacent their tops, a pair of vertically spaced cross members connecting said rails adjacent their bottoms, a set of vertically-spaced generally parallel gun-supporting pegs on each rail extending forwardly from the rail and vertically adjustable on the rail, a drawer disposed between said rails and between the cross members of said pair movable forwardly of said rails toward open position, said drawer having a drawer front extending sidewise to overlap said rails, a vertical gun-retaining rod disposed in a gun-retaining position forwardly of and closely adjacent to the free ends of the pegs of each set, means on said rails for supporting said rods on said rails for removal from said position only by upward vertical movement, and a projection on the back of said drawer front at each side thereof adapted when the drawer is closed to engage said rods to prevent upward movement thereof and adapted when said drawer is open to disengage said rods to allow upward movement and removal thereof.

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