Dec. 11, 1962 R. L. WILCOX 3,067,975

PORTABLE SPORTSMAN'S SEAT

Filed Sept. 7, 1960 2 Sheets-Sheet 1

Fig. 1

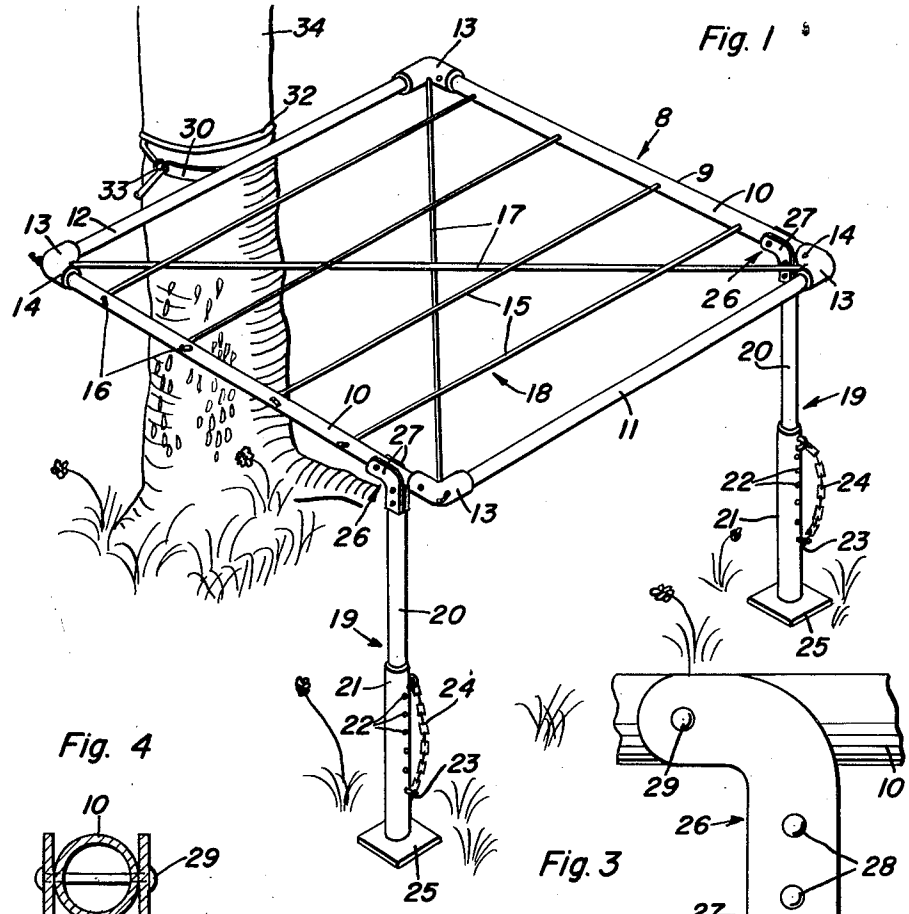


Fig. 4

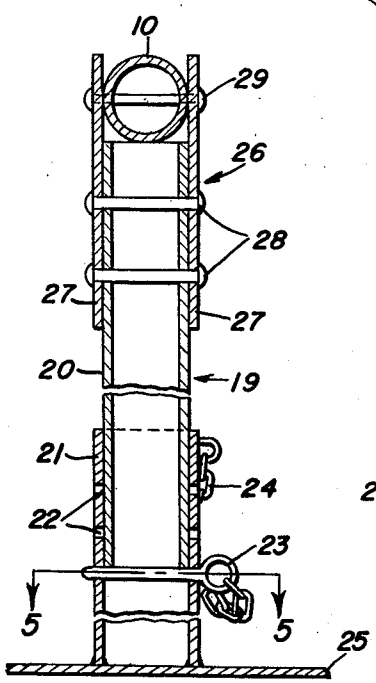
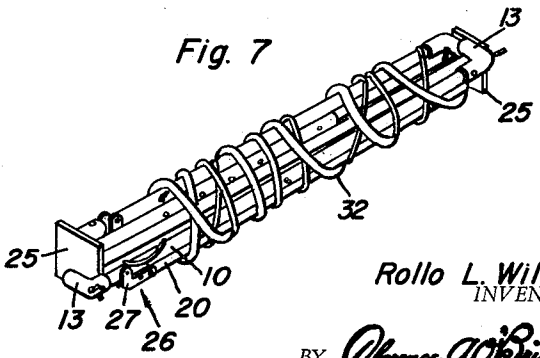


Fig. 3

Fig. 7



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Dec. 11, 1962 R. L. WILCOX 3,067,975

PORTABLE SPORTSMAN'S SEAT

Filed Sept. 7, 1960 2 Sheets-Sheet 2

Fig. 2

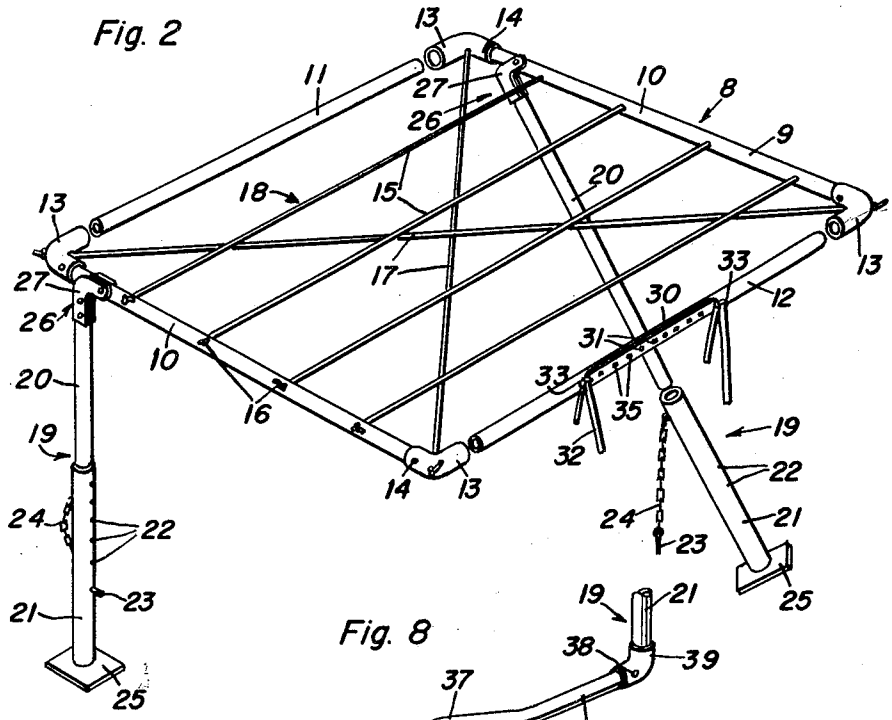


Fig. 8

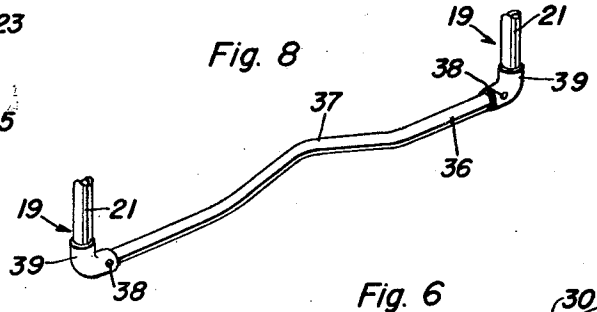


Fig. 5

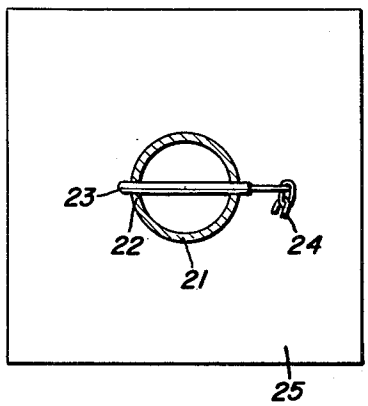
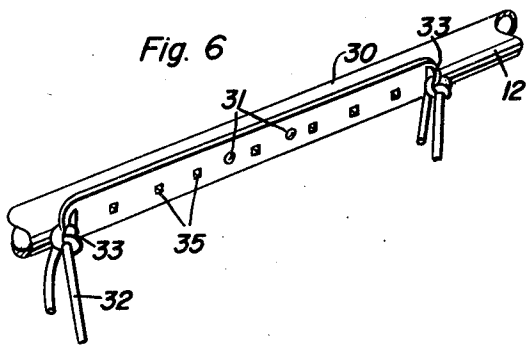


Fig. 6



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PORTABLE SPORTSMAN'S SEAT

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2 Claims. (Cl. 248—216)

This invention relates to new and useful improvements in portable seats particularly for hunters, picnickers, etc., and has for its primary object to provide, in a manner as hereinafter set forth, a seat of this character which is adapted to be quickly set up for use wherever a tree, pole, post or other suitable support is available.

Another very important object of the present invention is to provide a seat of the aforementioned character comprising novel means for mounting the device on various sizes of trees or other supports in a manner to prevent slippage.

Still another important object of the invention is to provide a seat of the character described wherein the tree or other support on which it is mounted serves as a backrest.

A further important object of the present invention is to provide a sportsman's seat which may be expeditiously knocked down and tied in a compact bundle for transporting and storing.

Other objects of the invention are to provide a portable sportsman's seat which will be comparatively simple in construction, strong, durable, compact, of light weight and which may be manufactured at low cost.

These together with other objects and advantages which will become subsequently apparent reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming a part hereof, wherein like numerals refer to like parts throughout, and in which:

FIGURE 1 is a perspective view, showing a sportsman's seat embodying the present invention ready for use;

FIGURE 2 is a rear perspective view showing the device detached from the tree or other support;

FIGURE 3 is a fragmentary view in side elevation, showing one of the folding leg connections;

FIGURE 4 is a vertical sectional view through one of the folding, telescopically adjustable legs and a portion of the seat frame to which it is hingedly connected;

FIGURE 5 is a view in horizontal section through the lower portion of one of the legs, taken substantially on the line 5—5 of FIGURE 4;

FIGURE 6 is a detail view in perspective, showing the means for securing the seat frame to a tree or other suitable support;

FIGURE 7 is a perspective view, showing the device knocked down and tied as a bundle ready to be transported or stored; and

FIGURE 8 is a front elevational view of a modification.

Referring now to the drawings in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a seat structure which is designated generally by reference numeral 8. The seat structure 8 includes a substantially square, knockdown tubular frame 9 of suitable metal. The frame 9, which may also be of any desired dimensions, comprises tubular side members 10, a tubular front member 11 and a tubular rear member 12. Smooth or unthreaded elbows 13 are secured by pins 14 on the end portions of the side members 10. The elbows 13 are adapted to slip on the end portions of the front and rear members 11 and 12, respectively, of the frame 9. The side members 10 of the frame 9 are provided at longitudinally spaced points with apertures in which the end portions of spaced, parallel transverse cords or strands 15 are anchored as through the medium of knots 16. The angles or bends of the elbows 13 are also

apertured and anchored therein are the end portions of crossed, diagonally extending cords or strands 17. The cords or strands 15 and 17 are of nylon or other suitable material and constitute a bottom 18 for the seat structure 8.

A pair of folding and telescopically adjustable supporting legs 19 are hingedly mounted beneath the front portion of the frame 9. The legs 19 comprise telescopically connected upper male and lower female sections 20 and 21, respectively. The female leg sections 21 are provided with vertically spaced openings 22 in which pins 23 are selectively insertable for supporting the male leg sections 20 in adjusted position in a manner shown to advantage in FIGURE 4 of the drawings. The pins 23 are connected by chains 24 to the leg sections 21 to prevent loss of said pins. Feet or bases 25 are provided on the lower ends of the leg sections 21.

Hinges 26 pivotally secure the legs 19 beneath the side members 10 of the frame 9 to permit said legs to be swung substantially into parallelism with said side members. The hinges 26 comprise generally L-shaped straps 27 which, in the embodiment shown, are secured by rivets 28 on diametrically opposite sides of the upper end portion of the male leg sections 20. The upper portions of the straps 27 straddle the side members 10 of the frame 9 and are pivotally secured thereto at 29. The construction and arrangement is such that when the legs 19 are swung to open position the upper ends of the sections 20 abut the side members 10 of the frame 9 and thus prevent said legs from swinging beyond operative position. Thus, most of the weight is transmitted directly to the legs 19 rather than through the pivotal connections 29.

Mounted longitudinally on the rear member 12 of the frame 9 is a bar 30 of suitable resilient metal. Only the intermediate portion of the resilient bar 30 is affixed to the member 12, as indicated at 31, leaving the end portions of said bar free. A rope 32 of nylon or other suitable material has its ends detachably connected at 33 to the end portions of the bar 30.

It is thought that the use of the device will be readily apparent from a consideration of the foregoing. Briefly, the male sections 20 of the legs 19 are swung to open or operative position on the frame 9 and the female sections 21 of said legs are slipped on said male sections and adjusted to the desired length through the medium of the pins 23. With one end attached to one end of the bar 30, the rope 32 is then wrapped tightly around a tree, for example, as indicated at 34 and the other end of said rope is attached to the other end of said bar. When the rope 32 is thus wrapped around the tree and secured, the resilient bar 30 is bent around the tree and the teeth or prongs 35 with which the bar is provided are caused to bite into the tree. Thus, the back portion of the seat structure 8 is firmly secured to the tree in a manner to prevent slippage. The construction and arrangement is such that the device may be readily attached to various sizes and shapes of trees or other supports. Of course, the occupant sits on the cords or strands 15 and 17 comprising the bottom 18 of the seat structure. To remove the device the foregoing procedure is substantially reversed. The cords or strands 15 and 17 possess sufficient elasticity to permit the elbows 13 to be readily slipped off the frame members 11 and 12. The disassembled members, including the legs, may then be placed substantially parallel with each other and tied in a compact bundle to be transported or stored through the medium of the rope 32. The rope 32 may also be utilized for towing game.

In the modification of FIGURE 8 of the drawing, a tubular connecting bar or base 36 is substituted for the female sections 21 of the legs 19. The base 36 includes an inverted V-shaped intermediate portion 37. Fixedly

secured by rivets 38 or other suitable means on the end portions of the base 36 are upturned elbows 39 which telescopically receive the male sections 20 of the legs 19 for removably mounting said base on said legs.

The foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly all suitable modifications and equivalents may be resorted to, falling within the scope of the invention as claimed.

What is claimed as new is as follows:

1. A sportsman's seat comprising, in combination, a seat structure including a frame, said frame comprising front, rear and side members, means for securing said rear member on a support, legs for supporting the front portion of the frame, and means for pivotally connecting said legs to the side members to be swung substantially into parallelism therewith to an inoperative position, the last-named means comprising hinges including generally L-shaped straps affixed to the upper portions of the legs on opposite sides thereof, said straps straddling the side members and pivotally secured thereto, the hinged ends of said legs being engageable beneath the side members for arresting said legs when swung to an operative position and for positively supporting the frame and directly receiving the weight of a load thereon, the first-named means including a resilient, horizontal bar having its intermediate portion affixed to said rear member with its end portions free thereof, and a flexible strand adapted to be wrapped around the support and connected to the ends of the resilient bar for bending the same around said support.

2. A sportsman's seat comprising, in combination, a seat structure including a frame, said frame comprising front, rear and side members, means for securing said rear member on a support, legs for supporting the front portion of the frame, and means for pivotally connecting said legs to the side members to be swung substantially into parallelism therewith to an inoperative position, the last-named means comprising hinges including generally L-shaped straps affixed to the upper portions of the legs on opposite sides thereof, said straps straddling the side members and pivotally secured thereto, the hinged ends of said legs being engageable beneath the side members for arresting said legs when swung to an operative position and for positively supporting the frame and directly receiving the weight of a load thereon, the first-named means including a resilient, horizontal bar having its intermediate portion affixed to said rear member with its end portions free thereof, and a flexible strand adapted to be wrapped around the support and connected to the ends of the resilient bar for bending the same around said support, said bar including teeth adapted to be embedded in the support for preventing slippage of the frame thereon.

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