

May 30, 1933.

C. W. POWELL

1,911,466

BEEHIVE

Filed Dec. 11, 1930

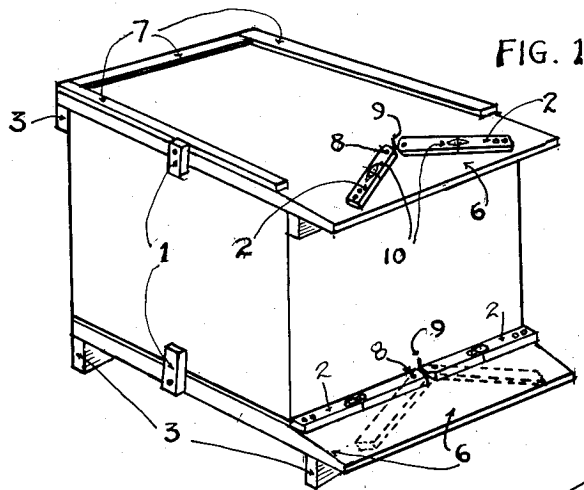


FIG. 1

FIG. 2

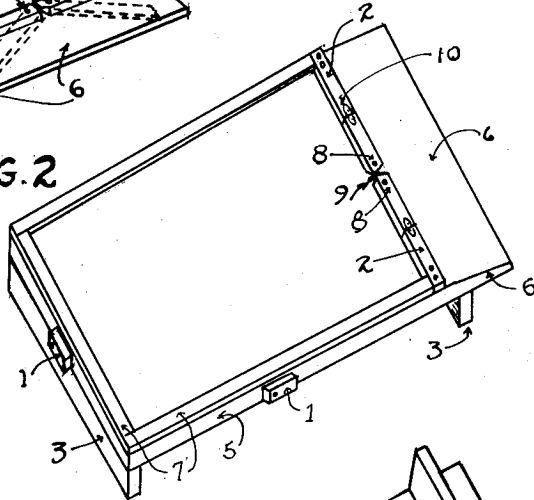


FIG. 4

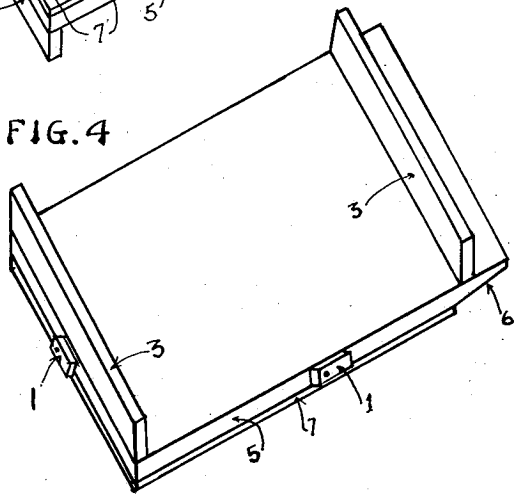
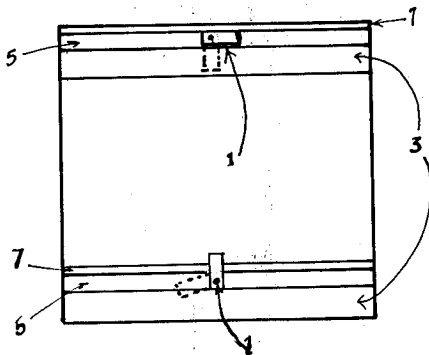


FIG. 3



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BEEHIVE

Application filed December 11, 1930. Serial No. 501,574.

The object of my invention is to provide a beehive-cover which shall have, among other advantages, that of so shedding rain that the hive is properly protected therefrom, that it may be used as a support for a beehive, that of being so constructed that while it is cheap it shall be durable, that of having its joints so constructed that water is not likely to work into them, that of being so constructed that it will be maintained in proper engagement with the top of a beehive or properly support a beehive to prevent accidental disengagement of the same from the beehive, and that the same may be portable. My invention comprises the novel features hereinafter set forth and claimed:

Fig. 1 is a perspective view of my device applied as a bottom and cover of a beehive.

Fig. 2 shows a perspective view of the device, the upper side thereof being exposed to view.

Fig. 3 shows an end view of the device as applied to a beehive.

Fig. 4 shows a perspective view of the device, the lower side thereof being exposed to view.

The device consists of a solid board 5 as wide as a beehive chamber on which it is to be used and approximately four inches longer.

The front portion 6 of the board 5 has its upper surface sloping downwardly to the outer edge thereof to form a landing platform for bees when the device is used as a bottom. Strips 7 on the upper surface and adjacent the sides and rear end of the upper surface of the board 5 serve to prevent water from draining from the top surface onto the sides of the beehive and direct the water toward the front end of the device. Lugs 1 are pivoted on the sides and rear end of board 5 and flanges 3 are secured to the board at its rear end and adjacent the front end thereof on the side of the board opposite to the side upon which the strips 7 are secured. The flanges 3 and the lugs 1 maintain the device in proper engagement with the beehive chamber when the device is used as a cover and the lugs 1 prevent lateral or backward displacement of the chamber

when the device is used as a bottom. The flanges 3 act as supporting legs when the device is used as a bottom, and maintain the board 5 out of contact with the ground.

The upper front portion 6 of the board 55 has mounted therein cleats 2 which are pivoted thereto at 8. Each cleat consists of hinged sections and the lengths of the cleats are such that when they lie in the same straight line they substantially form a closure for that portion of the board which lies between the front ends of the strips 7. The cleats may be swung forwardly or rearwardly on the pivots 8 or upwardly on the hinges 10 to vary the size of the opening. 65 The full and dash lines in Figs. 1 and 2 indicate various positions of the cleats. An iron peg 9 in the top of the board prevents forward sliding movement of the chamber.

I claim:

70 A combined beehive cover and bottom board comprising a board having greater length than width, flanges secured to the lower side of the board at the rear end and the forward end thereof, lugs pivoted to 75 opposite sides of the board, and at the rear end thereof, strips secured to the top side of the board at the sides and rear end thereof, said strips being spaced at the forward ends thereof, and said board having an inclined 80 upper surface adjacent its front edge, and means pivotally connected to the board adjacent the front edge thereof and positioned on its inclined surface adapted to be moved to various positions whereby the space between the front ends of the strips may be 85 closed or partially opened, and a peg secured to and projecting upwardly from the board, said peg and lugs being adapted to prevent displacement of the chamber when mounted 90 on said board, and said lugs and flanges being adapted to prevent displacement of the board when mounted on the chamber.

CHARLES WALTON POWELL. 95