

C. A. HURST.
BEEHIVE.

APPLICATION FILED SEPT. 2, 1908.

918,052.

Patented Apr. 13, 1909.
2 SHEETS—SHEET 1.

Fig. 1.

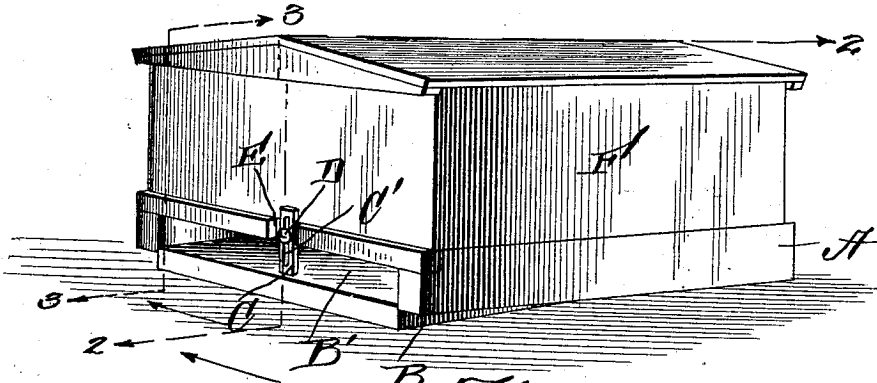


Fig. 2.

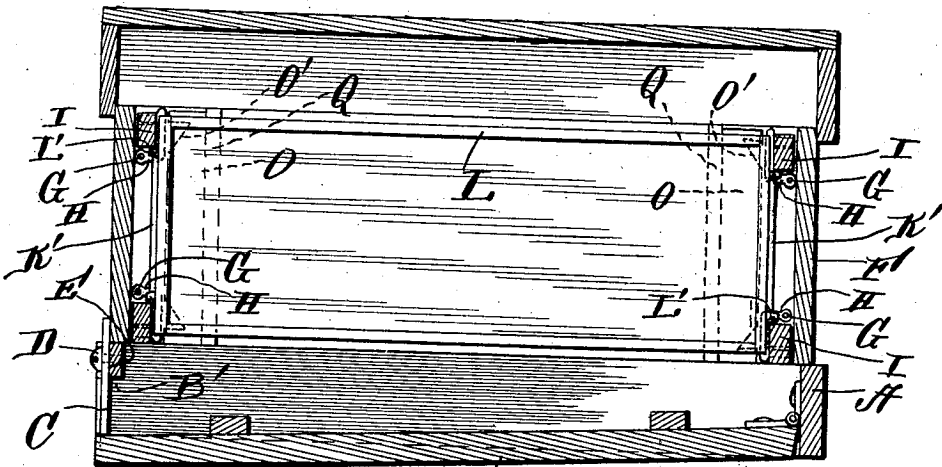


Fig. 3.

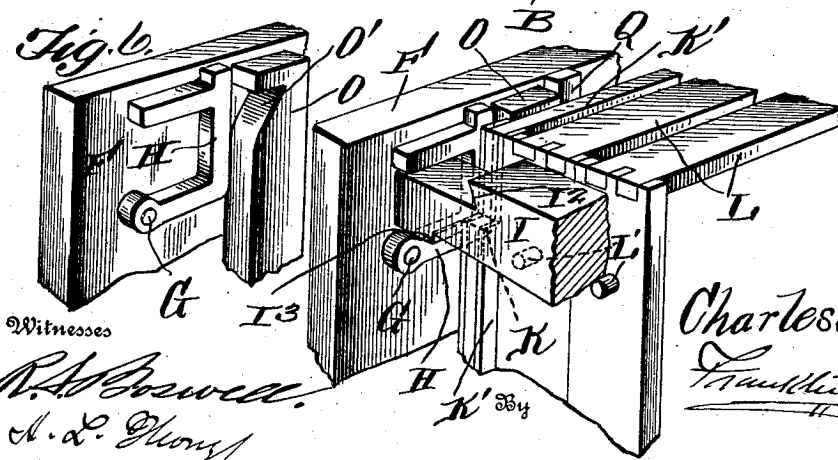


Fig. 4.

Witnesses
R. A. Brown
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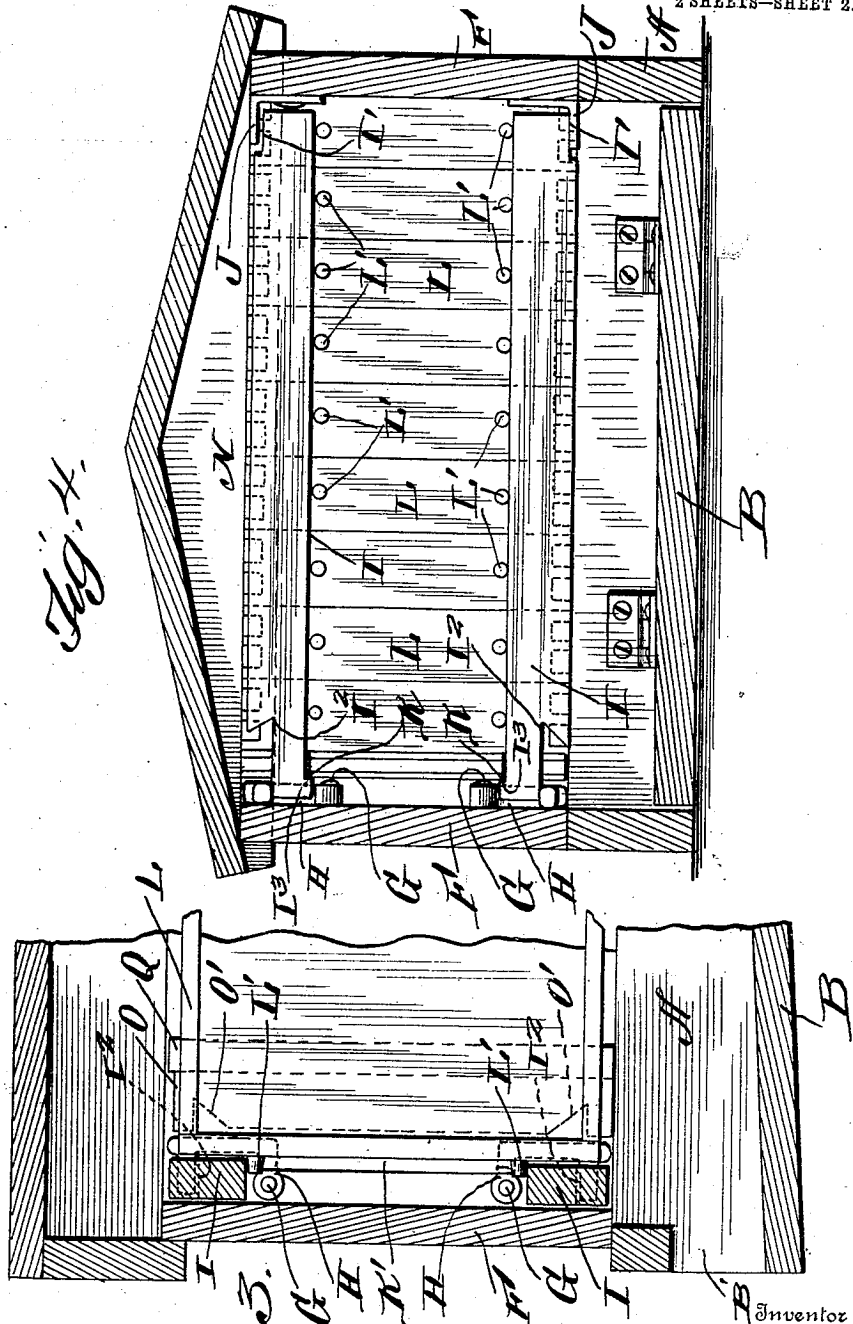
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Witnesses

Robt. Powell
A. R. Young

Fig. 5.

By

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UNITED STATES PATENT OFFICE.

CHARLES ANGUS HURST, OF BUFFALO, NEW YORK.

BEEHIVE.

No. 918,052.

Specification of Letters Patent.

Patented April 13, 1909.

Application filed September 2, 1908. Serial No. 451,404.

To all whom it may concern:

Be it known that I, CHARLES A. HURST, subject of the King of England, residing at Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Beehives; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in bee hives, and the object in view is to produce a simple and efficient apparatus of this nature, so constructed that a series of individual frames may be bodily reversed without separating the same from the casing in which they are positioned, means being provided whereby the various frames may be individually separated if desired.

The invention comprises various details of construction and combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claims.

I illustrate my invention in the accompanying drawings, in which:—

Figure 1 is a perspective view of my improved bee hive. Fig. 2 is a vertical longitudinal section through the hive. Fig. 3 is a sectional view on line 3—3 of Fig. 1. Fig. 4 is a cross sectional view adjacent to one end of the hive, showing parts in elevation, and Fig. 5 is a perspective view of one of the frames and one of the supporting strips, showing the locking means therefor. Fig. 6 is an enlarged detail in perspective of one of the hoops H adapted to hold the frame supporting strips in their relative positions.

Reference now being had to the details of the drawings by letter, A designates the frame to the bottom of the hive and B, a bottom which is hinged to said frame. One end of said frame is cut away forming a recessed portion B' in which the free end of the bottom is allowed to have a swinging movement. In order to hold said bottom in the proper position to allow for a sufficient space for the bees to enter the hive, I provide a button C having an elongated slot C' therein, and D designates a screw passing through said slot and engaging a threaded

aperture in a recess E. By loosening said screw, the button may be raised and lowered and as the free end of the bottom rests upon said button, the bottom may be held in different positions by simply tightening the screw which will clamp and hold the button in a fixed position.

The casing for the individual frames is designated in the drawing by letter F, and has closed sides and open top and bottom. Projecting from the inner surfaces of the opposite walls of said casing are the pivot pins G on each of which is pivotally mounted bracket-shaped hooks H adapted to hold the frame supporting strips I in their proper relative positions. Each of said supporting strips I has one end recessed away, as at I', adapted to fit underneath an angle iron J which is fastened to the inner surface of the side wall of the casing, as shown clearly in the drawings. The opposite end of the strip I has a recess I² upon the upper edge thereof, the end wall of said recess being undercut in order to allow the finger of a person to easily engage the same when it is desired to remove said strip from the casing. The under edge of the strip at one end is provided with a shoulder I³ which is adapted to engage a shoulder K formed at the end of the partition board K' which is positioned adjacent to one end of a series of individual frames L. Each of said frames L is provided with a plurality of lugs L', preferably two, projecting from each end thereof a slight distance from the outer longitudinal edges thereof, and said lugs are adapted to form supports and contact with the inner edges of the strips I for supporting the individual frames whether the casing is reversed or otherwise. Said frames are positioned within the casing in such a manner that a slight space will intervene between the upper edges of the frames and the cover N, to allow for a bee space. In order to hold said hooks in retaining positions with the ends of the lateral projections thereof in contact with the side wall of the hive, strips O are provided, each having a notch O' adjacent to its ends, said strips O being adapted to be inserted intermediate the board at the end of the series of frames and held adjacent to said hooks by means of the cleats Q fastened to the inner sides of the casing. It will be noted that said hooks will be allowed to swing into the notches O'

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