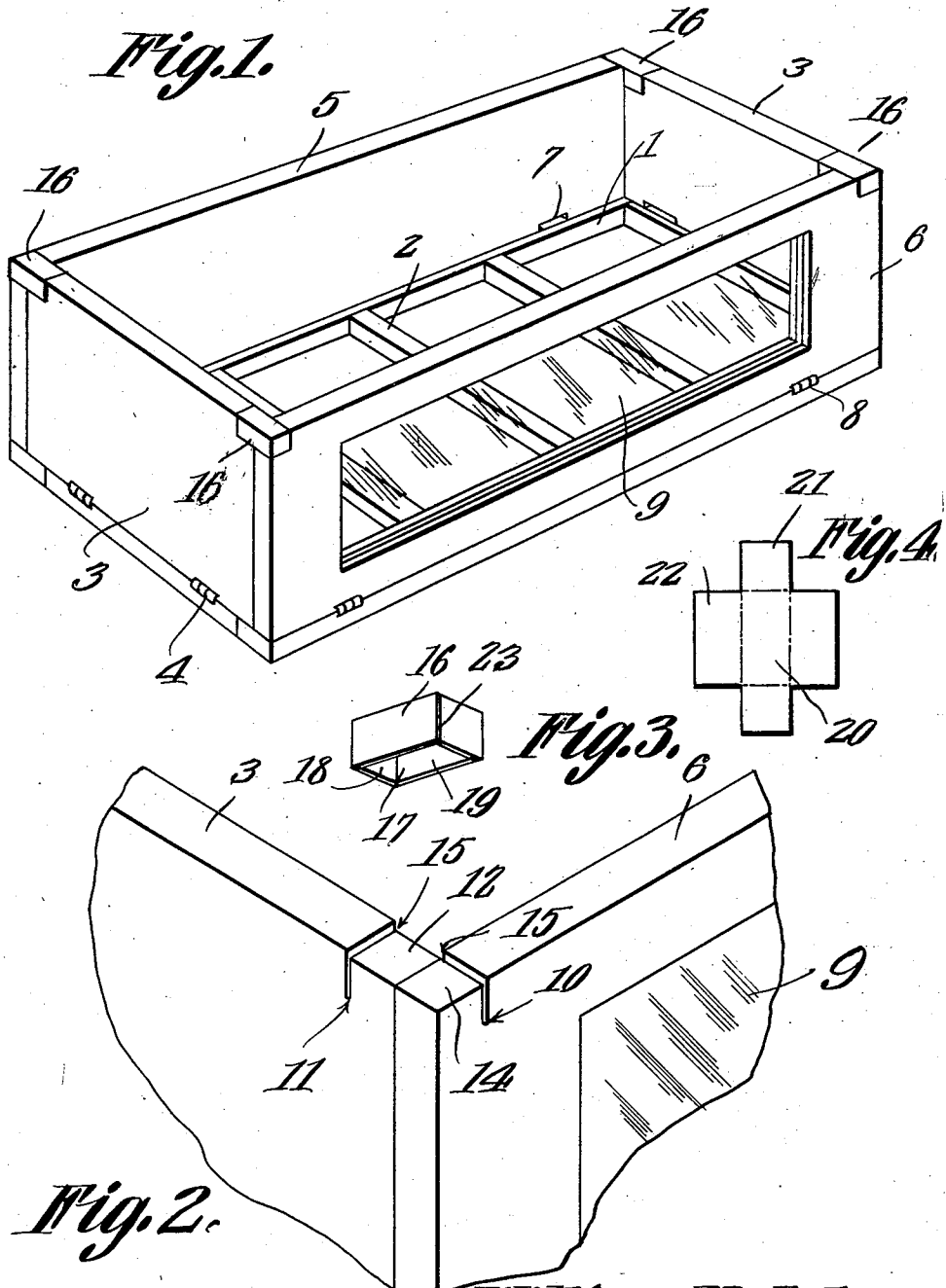


W. HOSTETER.
HONEY SUPER FOR BEEHIVES.
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1,011,793.

Patented Dec. 12, 1911.



Witnesses
Frank B. Woodson.
L. H. Wilson.

William Hosteter
Inventor,
by C. A. Snow & Co.
Attorneys.

UNITED STATES PATENT OFFICE.

WILLIAM HOSTETER, OF LYONS, INDIANA.

HONEY-SUPER FOR BEEHIVES.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM HOSTETER, a citizen of the United States, residing at Lyons, in the county of Greene and State of Indiana, have invented a new and useful Honey-Super for Beehives, of which the following is a specification.

The device forming the subject matter of this application, is a super for a bee-hive, and the objects of the invention are, to provide a super comprising a series of sections which may be let down easily to permit the contents of the super to be removed, without damage either to the super or to the honey, and without disturbing the bees.

A further object of the invention is to provide a novel means for holding the movable sections of the super assembled.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the accompanying drawings,—Figure 1 shows the super in perspective; Fig. 2 is an enlarged perspective detail showing the meeting edges of the walls of the super; and Fig. 3 is a perspective detail of the cap which is employed for connecting those portions of the super which appear in Fig. 2. Fig. 4 is a plan of the blank from which the cap 16 is formed.

The super herein disclosed consists of a rectangular, open frame 1, preferably of oblong form, the longer, side portions of the base frame 1 being connected by spaced cross bars 2. The walls 3 are hinged to the ends of the frame 1, as shown at 4, and side walls 5 and 6 are hinged to the sides of the base frame, as shown at 7 and 8, respectively. The end walls 3 fit between the side walls 5 and 6. The side wall 5 is preferably a solid, imperforate plate or board, while the side wall 6 is provided with a longitudinal opening closed by a transparent plate 9. The upper edges of the walls 3, 5 and 6 are preferably disposed in a common plane, the walls resting upon the upper face of the base frame 1, to which they are hingedly connected, as aforesaid.

The corner constructions are identical,

and but one of them will be described. In the side wall 3, adjacent the end of the said wall, there is a transverse slit 11, defining an upstanding post or boss 12. In the side wall 6, adjacent the end edge thereof, there is a transverse slit 10 at right angles to the slit 11, alined with the inner face of the end wall 3, the slit 10 serving to define an upstanding post or boss 14 at the end of the side wall 6. The upper faces of the bosses 12 and 14 are depressed, as shown at 15, below the common plane in which the upper edges of the walls 3 and 6 are located.

The invention further includes an oblong, rectangular, box-like, metal cap 16, open at its lower side only, as shown at 17 in Fig. 3. The thickness of the material from which the cap 16 is formed, is equal to the distance which the upper faces of the bosses 12 and 14 are depressed below the plane of the upper edges of the parts 3 and 6, so that when the end wall 18 of the cap 16 is seated in the slit 11, and the side wall 19 is seated in the slit 10, the outer face of the top of the cap 16 will be flush with the upper edges of the parts 3 and 6.

When the cap 16 is engaged with the slits 10 and 11, the side walls of the cap will surround the bosses 12 and 14, thus holding the walls 3 and 6 assembled. The top of the cap 16 serves to cover and to protect the upper faces of the bosses 12 and 14, and serve likewise to protect the prominent, outer, upper corner of the side wall 6.

It is to be noted that the super herein disclosed does not need to be removed from the hive, in order to permit a removal of the honey. When it is desirable to remove the honey, it is necessary merely to remove the cover (not shown) from the super, to remove the caps 16, and to swing the walls 3, 5 and 6 downwardly. Under such circumstances, the cross bars 2 are exposed, and a knife blade may be slipped beneath the honey sections, to separate them from the cross bars.

The cap 16, it may be said, is preferably fashioned from a blank of cruciform outline, denoted by the numeral 20, and shown in Fig. 4. The blank is folded upon the dotted lines, to bring the edges 21 and 22 of the blank together, to define the edge of the cap 16, as denoted by the numeral 23.

Having thus described the invention, what is claimed is:—

1. A super comprising a centrally open

base frame; cross bars uniting opposite points upon the frame; walls hinged to the frame and foldable outwardly, into depending positions, one pair of oppositely disposed walls fitting between the other pair of oppositely disposed walls; and means for connecting the adjacent walls, to hold the same in upstanding relation with respect to the base frame.

2. A super for a bee-hive, comprising a base; walls hinged to the base and having rectangularly disposed slits adjacent their meeting ends; and a box-like cap, open at one side only, and adapted to register in the slits.

3. A super for a bee-hive, comprising a base; walls hingedly connected to the base, the walls being provided at their meeting ends with bosses; and a box-like cap, open at one side only, and adapted to fit about the bosses closely.

4. A super for a bee-hive comprising separable, angularly disposed primary and sec-

ondary walls, the primary wall having, adjacent one end, a transverse slit in its upper edge, alined with the inner face of the secondary wall, and the secondary wall having a transverse slit in its upper edge, located at right angles to the first mentioned slit, the slits defining bosses, at the ends of the walls, the upper faces of the bosses being depressed below the upper edges of the walls, and a box-like cap; open at one side only, and adapted to be engaged in the slits, to surround the bosses, and to cover the tops of the bosses, the upper surface of the cap being flush with the upper edges of the walls.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

WILLIAM HOSTETER.

Witnesses:

JAMES P. HOSTETER,
LLOYD DAVIDSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."