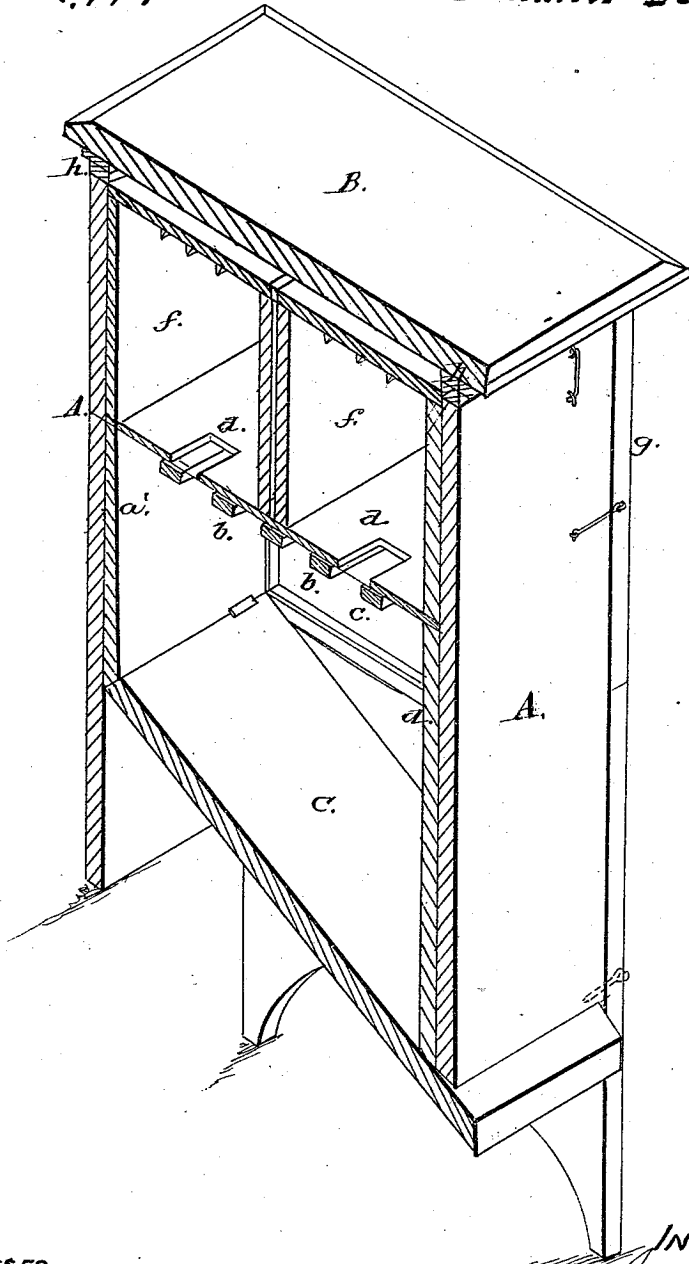


*J. Shove,*

*Bee Hive.*

*No. 84,774.*

*Patented Dec. 8. 1868.*



**WITNESSES:**

*J. Alfred Glass*  
*J. V. White*

**INVENTOR:**

*John Shove*  
*Per*  
*J. R. Alexander*  
*Attorneys.*



JOHN SHOE, OF PLEASANT HILL, OHIO.

Letters Patent No. 84,774, dated December 8, 1868.

IMPROVEMENT IN BEE-HIVES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, JOHN SHOE, of Pleasant Hill, in the county of Miami, and State of Ohio, have invented certain new and useful Improvements in Bee-Hives; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification, and in which is represented a perspective section of my bee-hive.

The nature of this invention consists in securing the top of the hive by means of hooks and staples, so as to admit of ready access to the honey-boxes, and also in supplying the hive with a hinged inclined bottom, which can be set at any desired inclination by pins or keys, substantially as and for the purpose hereinafter set forth.

To enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation

In the accompanying drawing, A represents the casing of the hive, two sides of which are made double, or provided on a portion of their surface with pieces *a a'*.

The pieces *a a'* are furnished at each end with grooves, into which fits or rests a slatted frame, *b*. From these grooves, extending downwards a suitable distance therefrom, are cut other grooves or slots, into which slide glass doors *c*.

*d* represents a partition or board, provided on its upper side with projections, in order to keep the honey-boxes *f f* separate, and at the same time secure them in place thereon.

This partition or board *d* rests on the upper ends of the pieces *a a'*, and is also provided with holes or

apertures, through which the bees, from the main chamber of the hive, enter the honey-boxes.

*g g* designate doors, hinged to opposite sides of the upper part of the hive, and secured in place by hooks and staples.

B is the top. To the under side of its edges are secured strips or supports *h h*, which are supplied with hooks, catching into staples on the sides of the hive. By means of this arrangement the top may be removed at any time, when so desired.

The holes *i*, in the sides of the upper part of the hive, are made for ventilation.

I hinge the bottom, C, to the lower side of the piece *a'* of hive A, and allow its opposite end to project out a short distance beyond the side of the hive, which is cut away, as seen in the drawing, for that purpose.

This bottom can be placed at any desired inclination by means of keys or pins *l l*, the sides of the hive being furnished with holes for that purpose.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

1. The adjusting hinged inclined bottom C, operating substantially as set forth.

2. The top, B, provided with supports or strips *h h*, to which are attached hooks, catching into staples on the hive, for the purpose of removing the said top, substantially as described.

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

JOHN SHOE.

Witnesses:

D. J. MARTIN,  
J. R. SHUMAN.