

L. ADAMS.
Bee-Hives.

No. 145,324.

Patented Dec. 9, 1873.

Fig. 3.

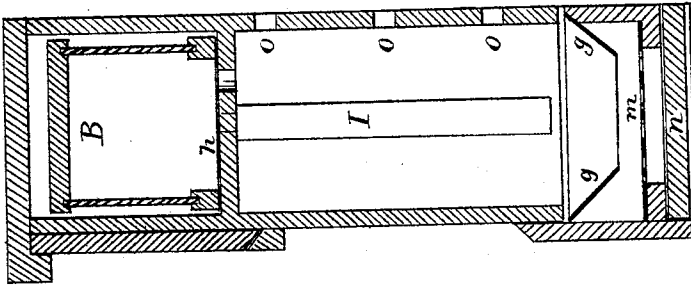


Fig. 2.

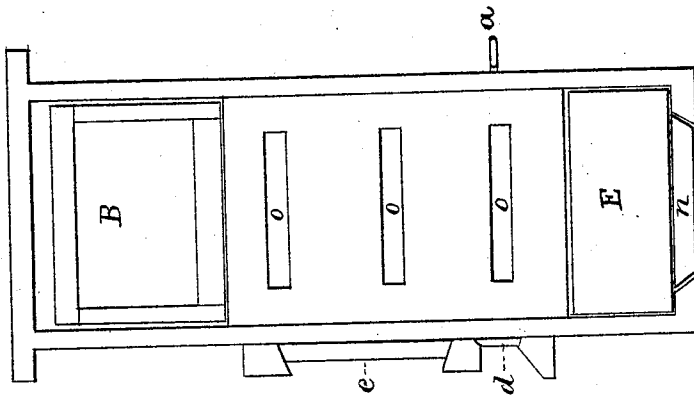
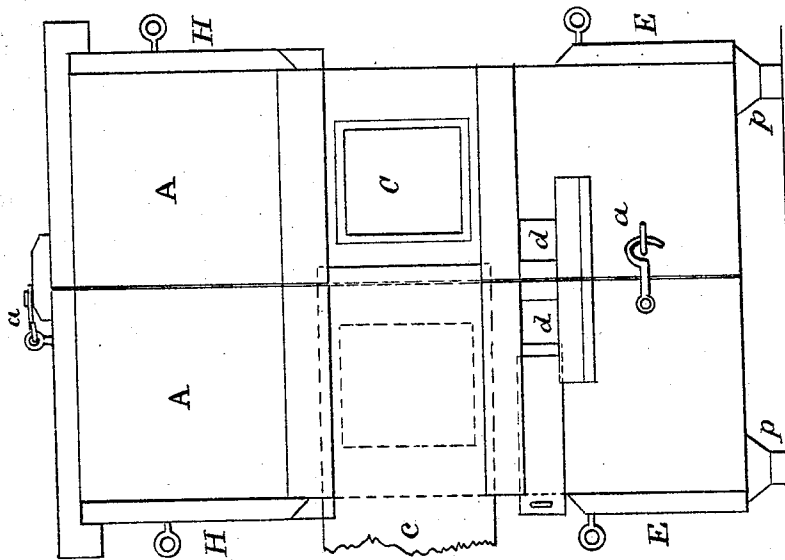


Fig. 1.



Witnesses :

Chas. H. Isham
H. A. Daniels

Leonidas Adams, Inventor,
by Chas. S. Whitman Attorney

UNITED STATES PATENT OFFICE.

LEONIDAS ADAMS, OF MASON CITY, ILLINOIS.

IMPROVEMENT IN BEE-HIVES.

Specification forming part of Letters Patent No. **145,324**, dated December 9, 1873; application filed July 26, 1873.

To all whom it may concern:

Be it known that I, LEONIDAS ADAMS, of Mason City, county of Mason and State of Illinois, have invented a Moth-Proof Bee-Hive. The following description, taken in connection with the accompanying plate of drawings hereinafter referred to, forms a full and exact specification, wherein are set forth the nature and principles of the invention, by which the same may be distinguished from others of a similar class, together with such parts thereof as are claimed as new and are desired to be secured by Letters Patent of the United States.

My invention relates to bee-hives, and consists in certain modifications and novel combination in the construction of the same, as hereinafter shown and described.

In the accompanying drawing, which illustrates my invention and forms a part of the specification thereof, Figure 1 is a front view of my improved bee-hive. Fig. 2 represents the inner side of one-half, the hive being made in two parts; and Fig. 3 is a vertical section of one part.

The hive is constructed in two parts, both being alike, and designated A in the drawing referred to. The parts are set together and fastened by the hooks *a*, each part having a honey-box, B, in the upper part, said box having a plate of glass set in each end, so that the contents may be seen by removing the slides H in the casing. The front of the hive is provided with the windows C, which may be covered by the sliding cover *c*. *d* indicates the entrances for the bees, located above the

moth-trap E. The said moth-trap consists of a drawer at the bottom of each division, the said drawer having the flange or plate *g*, of sheet metal, projecting inwardly from the top, and downwardly at an angle of forty-five degrees, to prevent upward passage from the trap. The said drawer is also provided with the perforated bottom *m*, of sheet metal, and the sliding bottom *n* below, the purpose of the latter being to close the hive entirely, if desirable. The openings *o* are to allow the passage of the bees from one division of the hive to the other. The post *l*, attached to the floor *h*, is to support the comb. The feet *p* upon which the hive rests, are made of glass and enlarged upward, to prevent the moth passing upon them to the hive above.

By this construction a moth-proof bee-hive is formed which may be divided without breaking the honey-comb. A swarm of bees may also be divided without loss by removing one division of the hive and placing in its stead another of like construction.

Having described my invention, I claim—

In a hive of the construction described, the moth-trap E, having the flange *g*, perforated bottom *m*, and slide *n*, as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 13th day of June, 1873.

LEONIDAS ADAMS.

Witnesses:

WM. WARNOCK, Jr.,
J. S. BANER.