

J. Hazen.

Bee Hive.

N^o 36,349.

Patented Sept. 2, 1862.

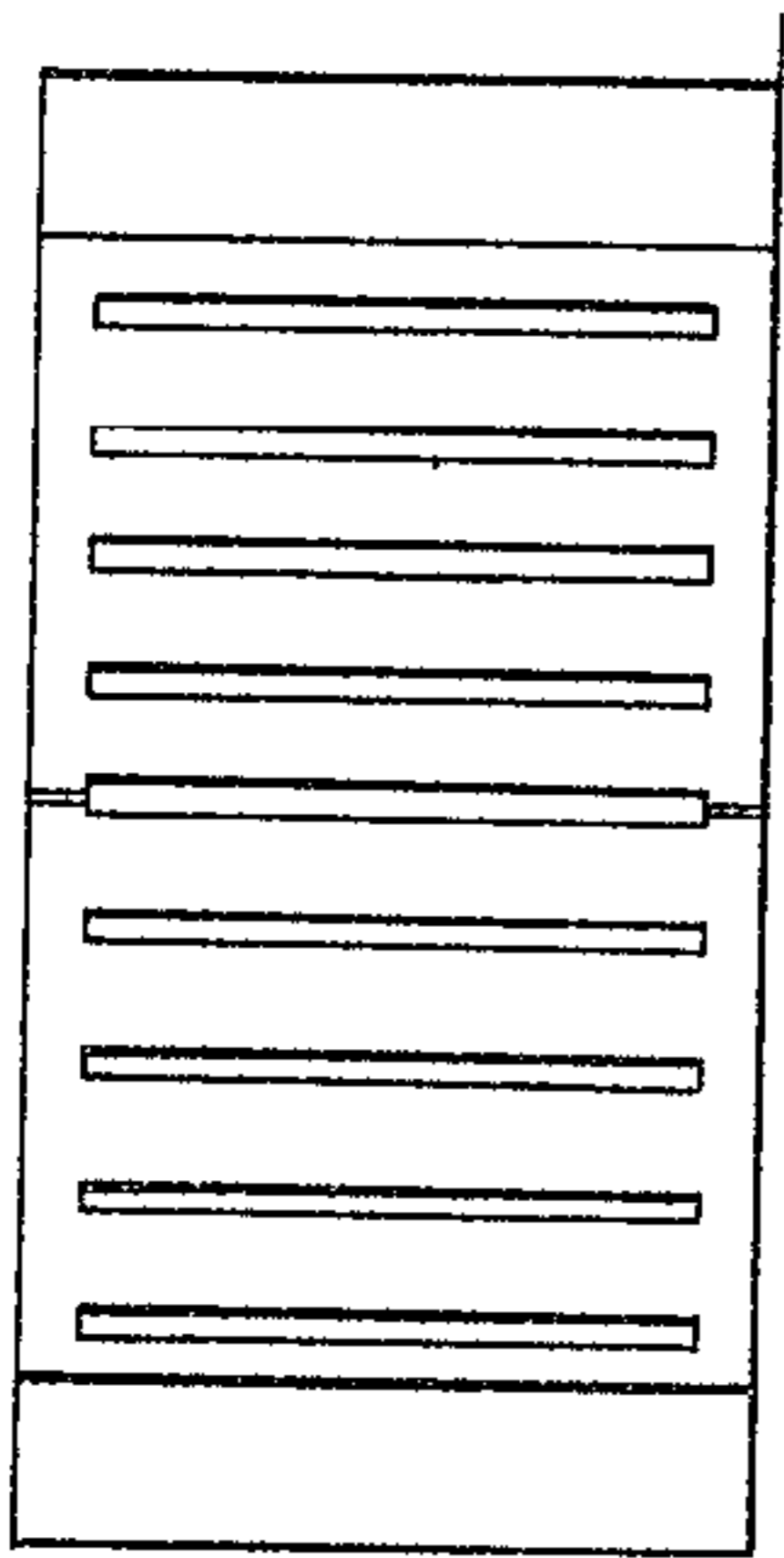


Fig. 4.

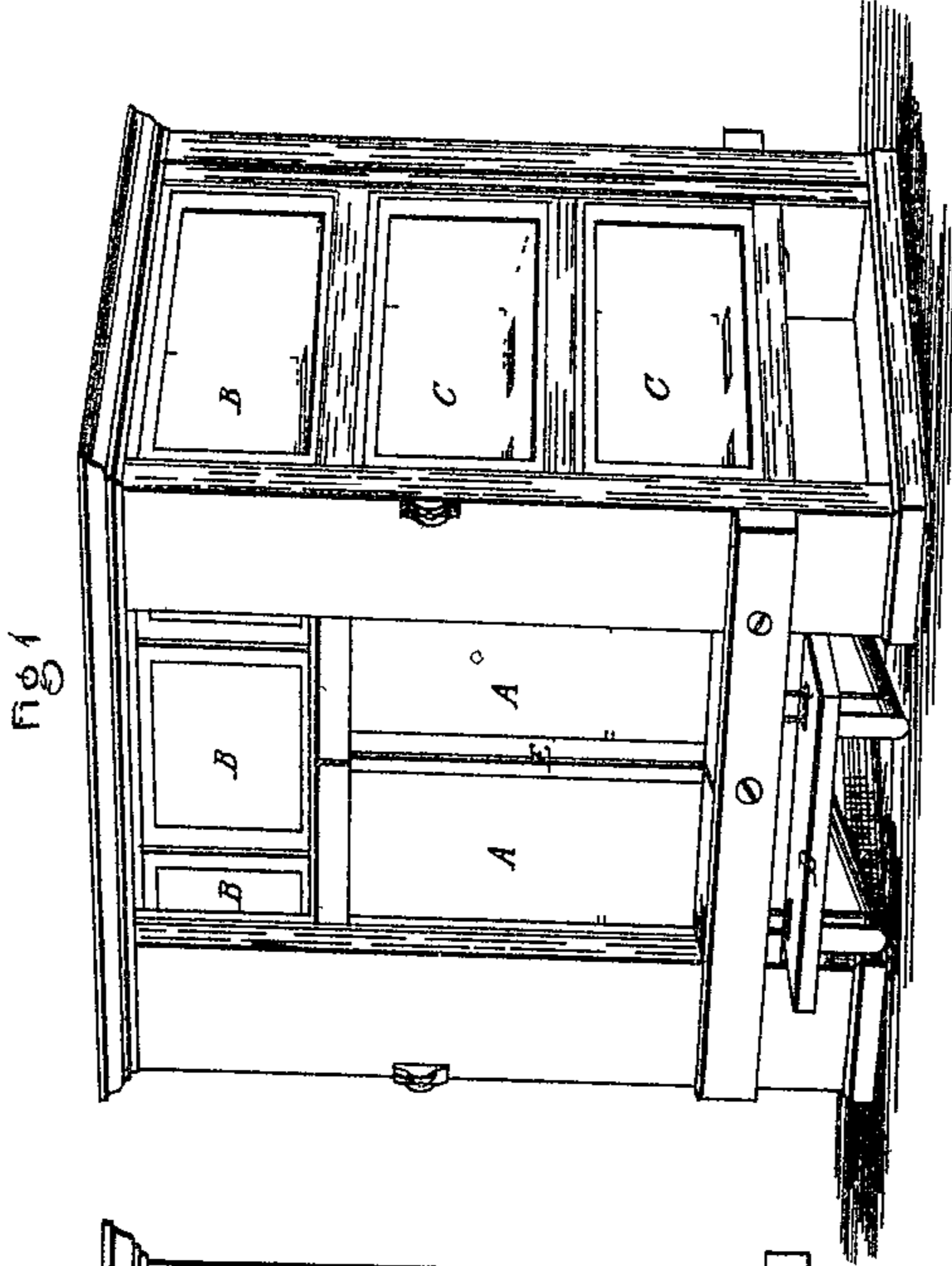


Fig. 1.

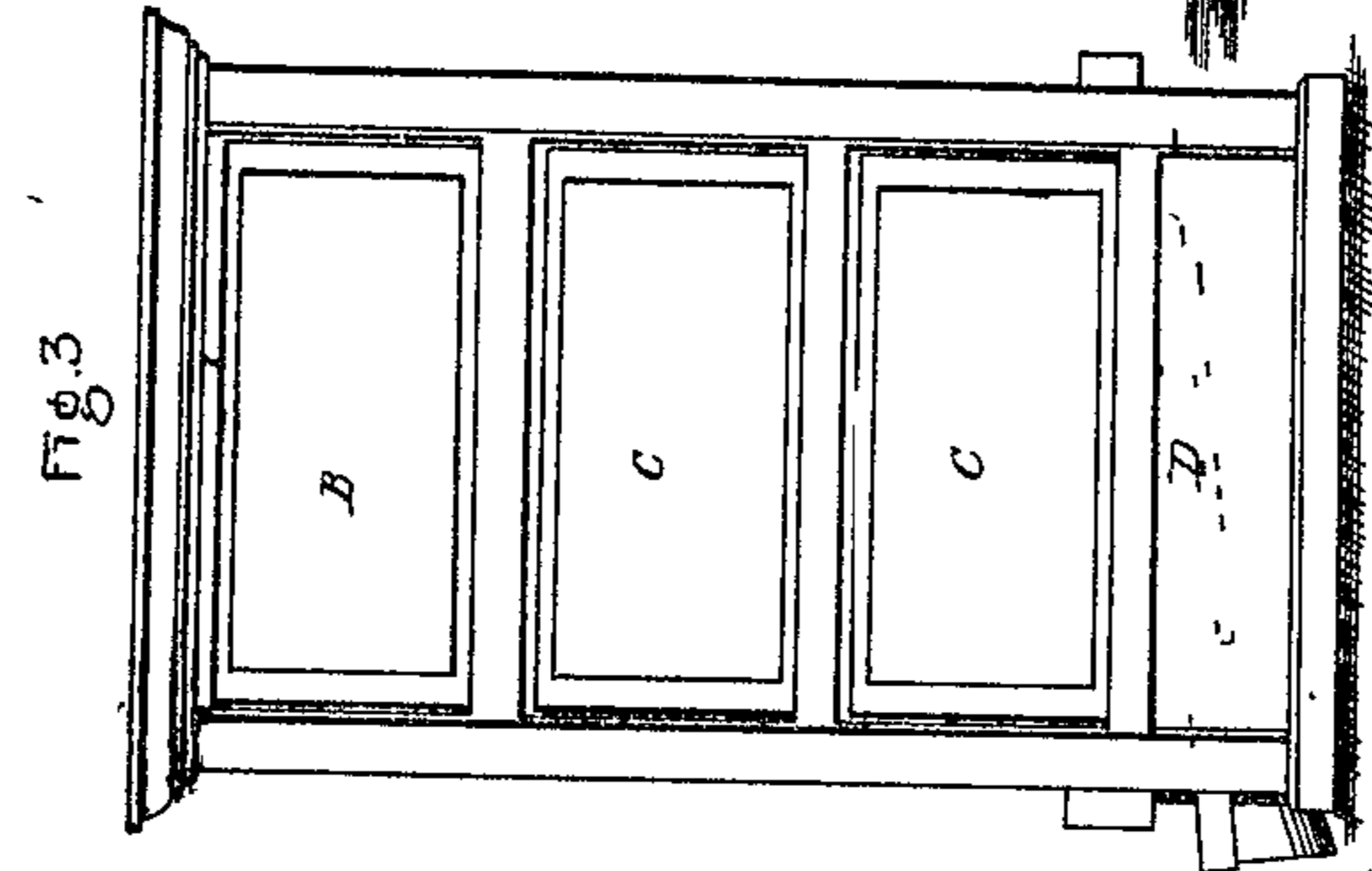


Fig. 3.

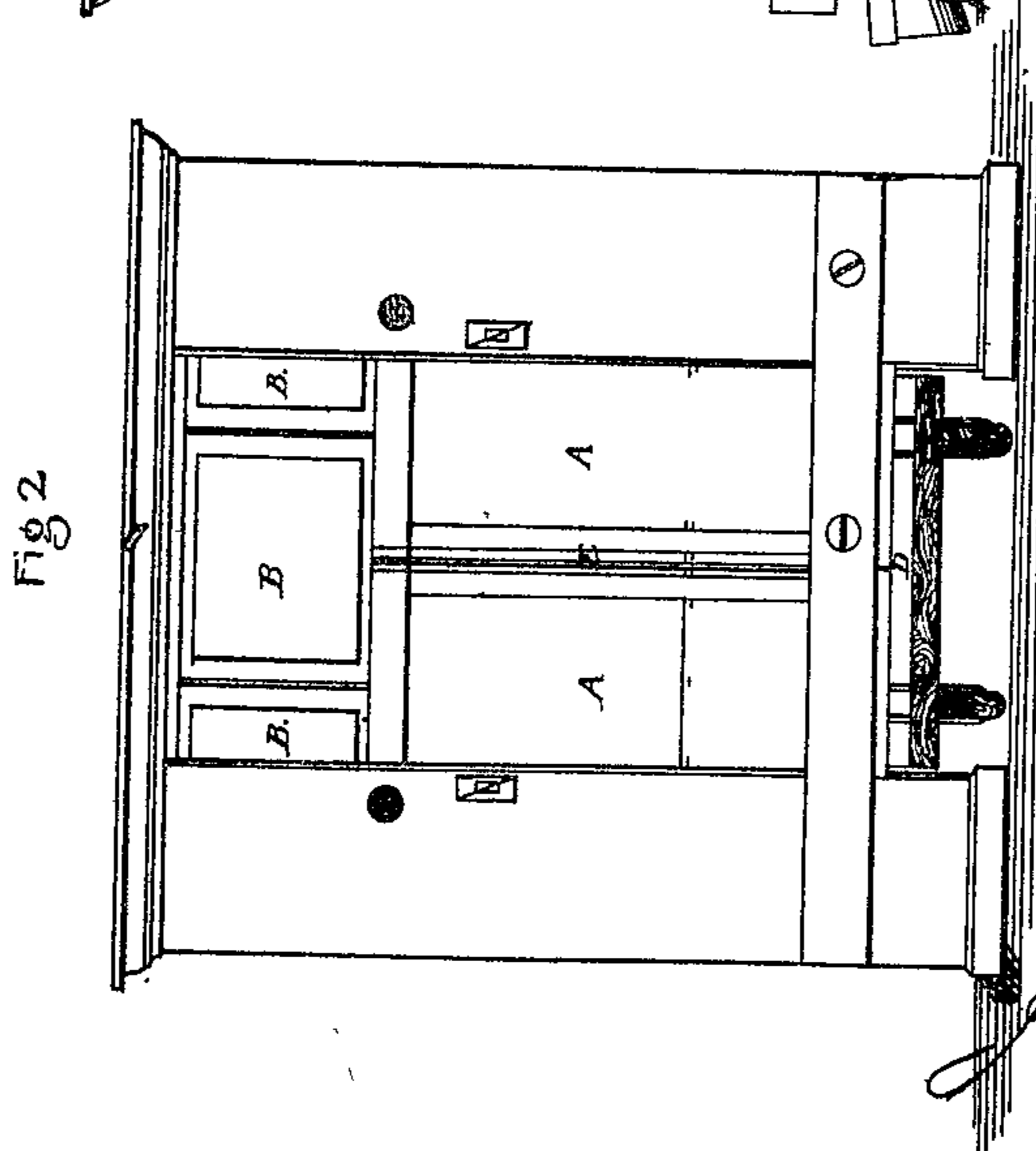


Fig. 2.

Witnesses

John B. Pustan
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UNITED STATES PATENT OFFICE.

JASPER HAZEN, OF BETHLEHEM, NEW YORK.

IMPROVEMENT IN BEE-HIVES.

Specification forming part of Letters Patent No. 36,349, dated September 2, 1862.

To all whom it may concern:

Be it known that I, JASPER HAZEN, of Bethlehem, in the county of Albany and State of New York, have invented a new and useful Bee-Hive; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view. Fig. 2 is a front elevation. Fig. 3 is a side elevation; and Fig. 4 is the central section of the shelf dividing the principal apartment from the chamber in which the upper boxes are placed.

A A is the central apartment for the swarm, covered with glass, divided in the center, both front and back sides, for inspection of the swarm.

B B B are boxes in the chamber of the hive.

C C are side boxes, two on each side of the hive.

D is the inclined bottom of the hive.

E is a central division of the hive and of the glass covering the principal apartment.

F F are perpendicular fixed guides for and supports to the comb front and back side.

G G G G G G G G, Fig. 4, are bars for the support of the boxes B B B, also fixed horizontal guides to the comb.

By this free communication between the principal apartment and the top boxes the swarm commences work in the hive and boxes at the same time, and the early-made honey is secured for use. From the large amount of room secured by top and side boxes swarming is rendered improbable, and the owner may choose his time for increasing his stock by dividing the swarm; but, if desired; by closing the entrance to the boxes the hive is reduced to common size, and swarms will issue as in

other hives. The bars or fixed horizontal guides G and the perpendicular guides F secure such an arrangement of the comb that an equal division of the bees, comb, brood, and honey may be made at any time by separating the parts at E and substituting to each half corresponding parts of an empty hive. By the same means one-half of the hive may be removed at one time and the other half at another time, and the bees thus change old and injured comb for new. The glass front and rear, toward which the edges of the comb are directed by the guides, in connection with the glass boxes, give a perfect inspection of the work and state of the swarm.

The inclined bottom affords facilities for the removal of filth or moth by the bees or attendant, and by closing it at dusk the miller is effectually shut out from the hive. By the division of the glass in the center at E, which is placed for the inspection of the swarm, while this inspection is secured the equal division of the swarm is not hindered.

The hive is joined by the arms H and the top in such a manner that the principal apartment is without partition, and yet so dissevered at E that by simply covering the shelf by two pieces of board meeting in the center, using a divided bottom; and removing the wood-screws in the arms and top the division is complete.

What I claim as my invention is—

The combination of the parts A A, boxes B B B and C C, adjustable bottom board, D, and bars G G in one hive, as specified.

JASPER HAZEN.

Witnesses:

JOHN J. BURTON,
HENRY N. WICKES.