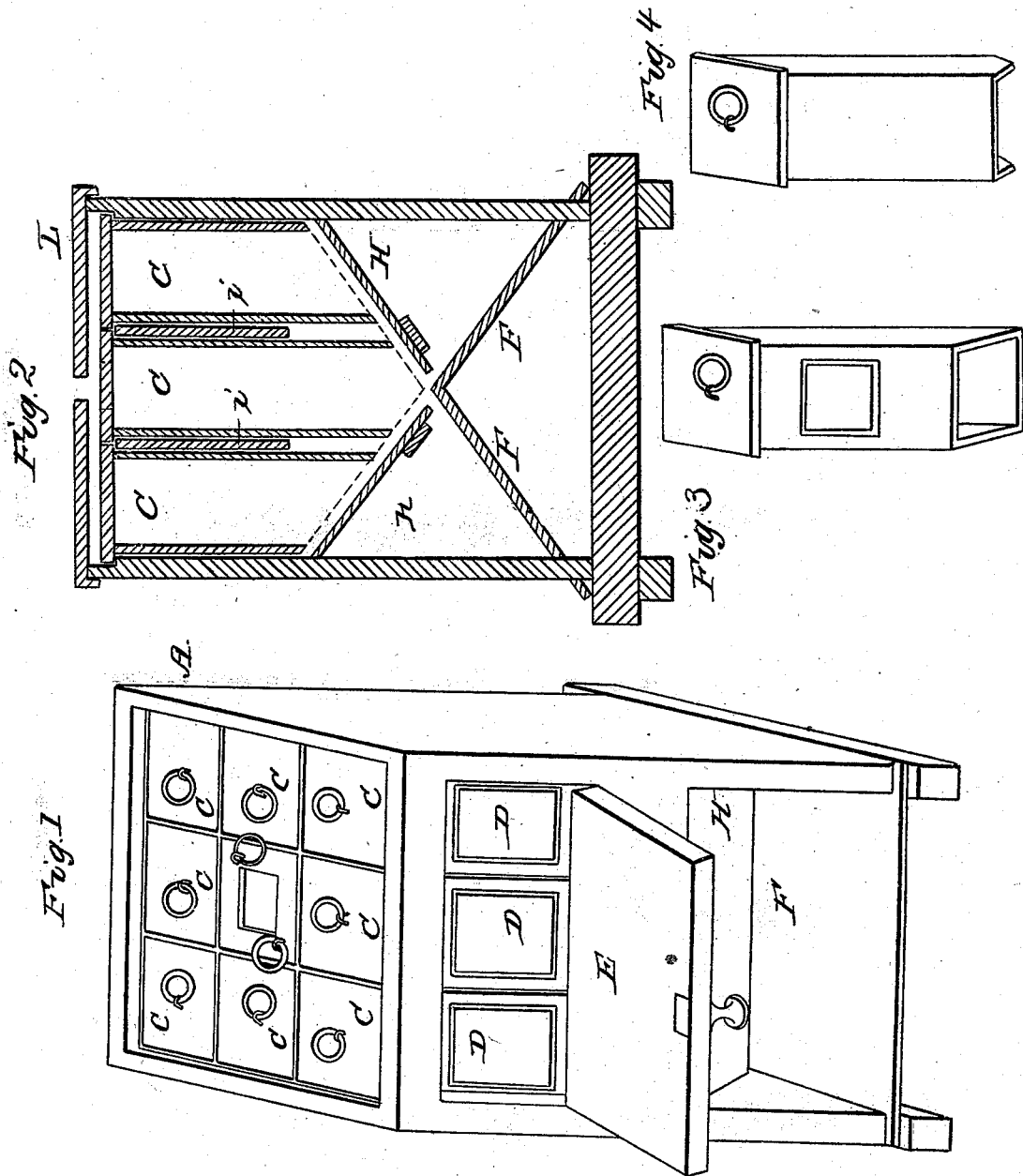


J. MILLER.
Honey Comb Frame.

No. 3,325.

Patented Nov. 6, 1843.



UNITED STATES PATENT OFFICE.

JOSEPH MILLER, OF LEXINGTON TOWNSHIP, STARK COUNTY, OHIO.

BEEHIVE.

Specification of Letters Patent No. 3,325, dated November 6, 1843.

To all whom it may concern:

Be it known that I, JOSEPH MILLER, of Lexington township, in the county of Stark and State of Ohio, have invented a new and useful Improvement on the Bee-Palace or Beehive; and I do hereby declare that the following is a full 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 of the palace when completed without the top or cover. A is a rectangular box of any convenient dimensions. c c c c c c are separate cells or compartments in which the bees are to form the honeycomb. These compartments are arranged so that they shall hang in each tier or division by the tops, being supported by the division boards and sides of the palace and so constructed as to be drawn out upward by the ring when the top of the palace is taken off, the lower ends of the cells being open and cut an angle as represented by Figs. 3 and 4. D D D are panes of glass set in the front and back range of cells, the front and back of the palace being arranged in the same manner; E, a door.

F and H are boards set at an angle, the object of which and the general arrangement of the interior of the palace will be better understood by reference to Fig. 2 which is a vertical sectional side view; L, the cap or cover.

I I are partitions extending across the palace from side to side on which and a rab-

bet cut in the sides of the palace as seen in the drawing. The cells C C C are suspended by means of the tops of the cells lapping over on them.

H H are boards placed on such angle that the honey worm when they drop on them will roll down the chute or angular boards E F and be conveyed to the outside of the hive. The boards H H are placed about $\frac{5}{8}$ of an inch below the bottom of the cells so that no part of the cells come in contact with H H. This prevents the worm from clinging to and reascending into the cells.

I do not claim as my invention any particular form of the hive when taken as a whole nor the separate cells or the use of glass placed in the cells.

What I do claim as my invention and desire to secure by Letters Patent is—

1. The arrangement of the cells so that they are suspended from their top and can be removed or replaced from the top of the hive by sliding them in or out vertically the cells being so arranged and formed at the bottom that they shall present two inclined surfaces as described.

2. And I claim in combination with above the arrangement of the boards H H so as to leave an entire clear space between them and the bottom of the cells.

October 17th, 1843.

JOSEPH MILLER.

Witnesses:

ISAAC FILSON,
BENJAMIN LIAMS.