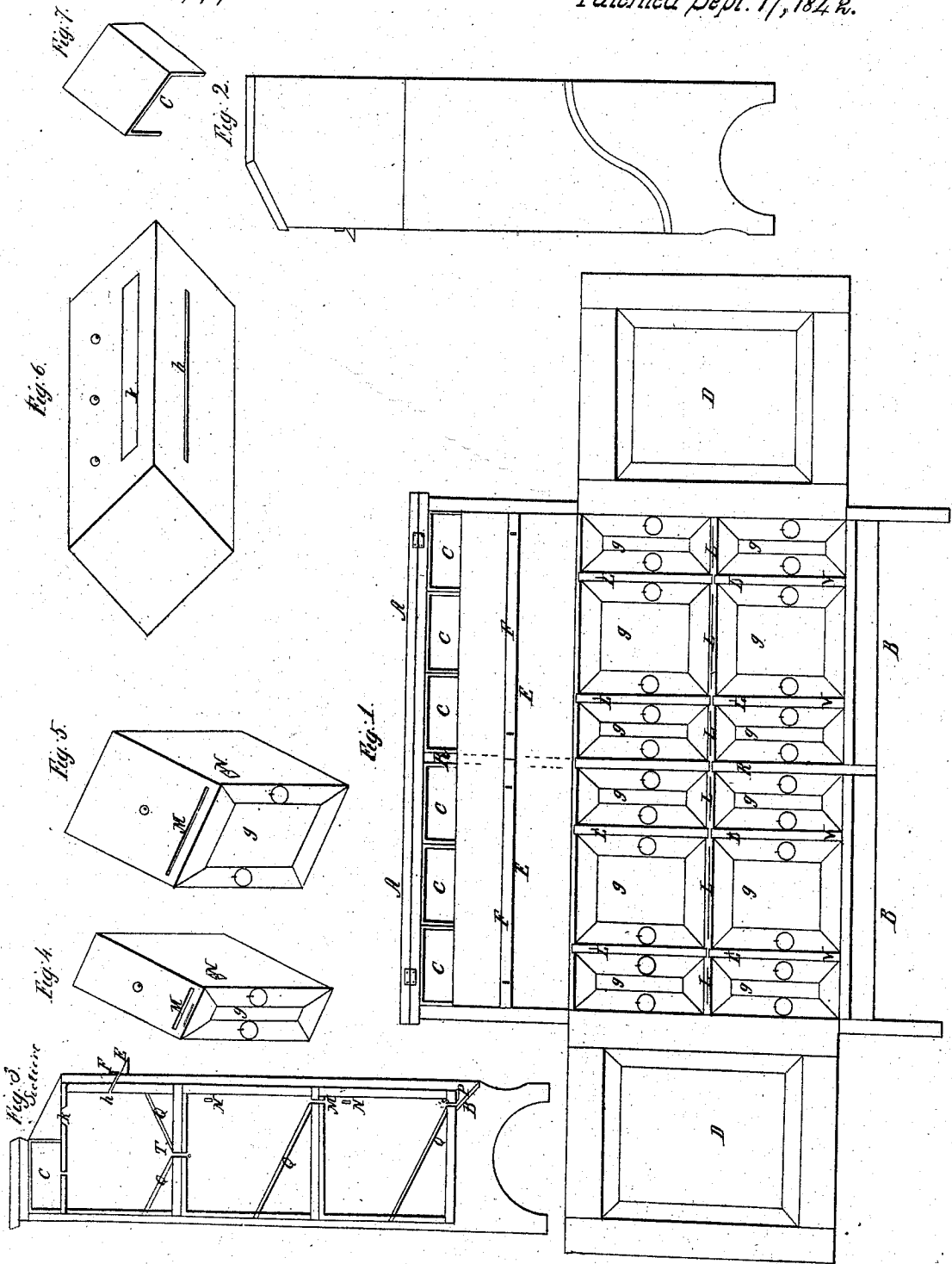


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Bee Hive.

Patented Sept. 17, 1842.

N^o 2,444.

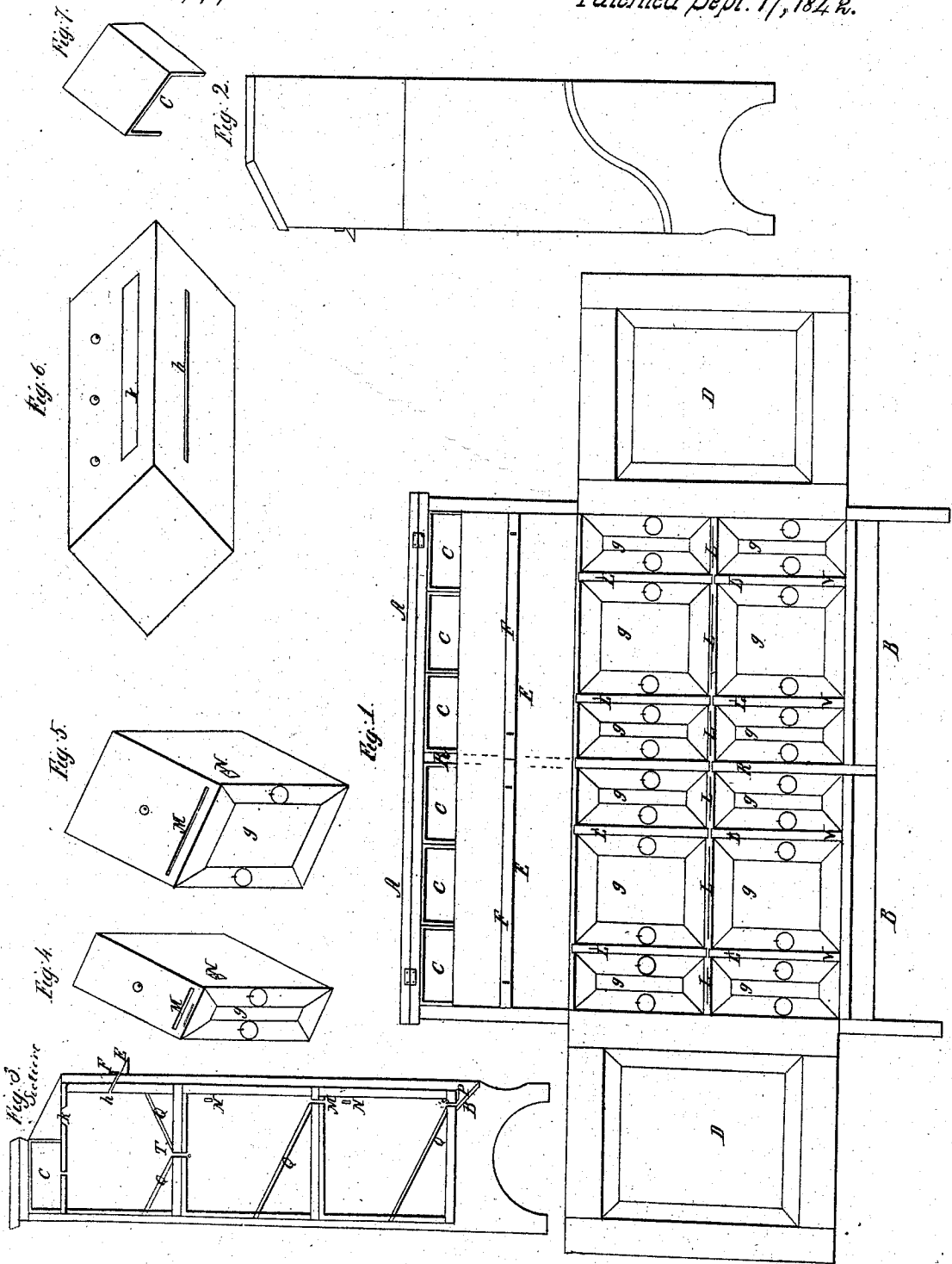


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a groove cut in each side leaving an opening at the front part of the under side of half an inch for the bees to pass up and down; forming an inclined plane of twenty-eight degrees, till the bottom strikes the back; the front of the drawers to have two rings to pull them out by, put in by wires, so they will hang downward. The drawers to be sunk back the thickness of the rings to receive the doors; the upper stories to be divided into two chambers by the partition R, so as to receive a box in each chamber two feet two inches long, one foot high and one foot two inches broad, leaving room at the top of the large boxes, to put on three small boxes C in each apartment, see Fig. 3, of 8 inches long 8 in. wide and four inches high with glass in front to see when they are full of honey, or there may be more small boxes on top of the large boxes; the large boxes to have a strip of glass $\frac{1}{2}$ in the top near the front edge; to exhibit the working of the bees, and a ring at each end so they can be lifted out at pleasure the roof resembles the roof of a desk hung with two pairs of butts, so the front part may be turned back at pleasure, the doors may be paneled and locked the front of the top to be locked, the ends of the house to be made of one and a half inch plank.

The bottoms of the two large boxes, are put in by a groove on each end, starting within half an inch of the center of the end running back with an angle of twenty eight degrees till they strike the sides of the boxes, the bottoms of the boxes and drawers are put in with a groove so they may be taken out at pleasure. The object of the two large boxes at the top, is to put the first swarms of bees in, as it is natural for bees to commence working at the top of any open cavity and work downward; those boxes are

calculated to hold the main body of bees, the holes in the front part of the large boxes in combination with the holes in the upper part of the house, is for the convenience of the bees, that they may fill the boxes and upper tier of drawers much sooner, owing to the short distance they have to travel to and from their honey boxes, avoiding the inconvenience of traveling up through the drawers, the small boxes will be filled much sooner when they stand immediately over the main body of bees; the object of the center partition is to divide the house into two separate apartments, so the bees may retain two queens, in the same house, and in doing so they will multiply and increase much faster. The object of the boards at the bottom is for the bees to light on in communication with the holes through the floors up into the drawers, the distance being so short for the bees to travel till they reach their honey drawers, the boards to be of different color so that the bees may know their own place, the boards at the bottom are put in by a groove cut in at each end and run back with an angle of fifty degrees till they strike the back part of the holes in the lower floors and about three inches wide the two slides at the bottom of the floors are for the purpose of shutting the bees in at pleasure.

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

The combination of the upper or swarming box and its small honey boxes with the collateral hive boxes below constructed and arranged substantially as above described.

JESSE W. DAVIDSON.

Witnesses:

GEORGE K. WEST,
J. J. GREENOUGH.