D. Gebhart,

Bee Hive.

No. 113,870. Patented Apr. 18. 1871.

Fig. 1.

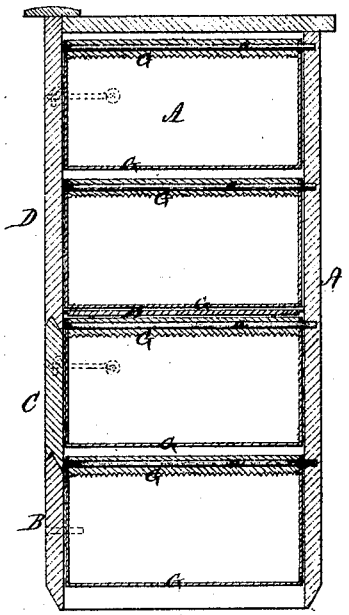
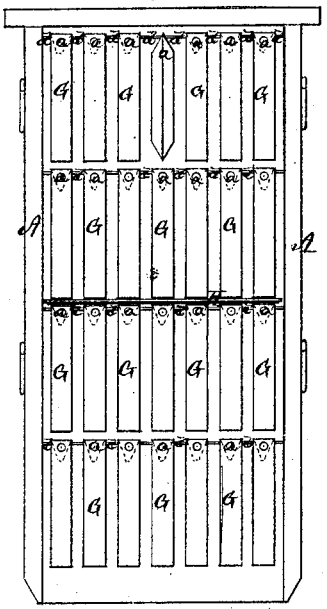


Fig. 2.



Witnesses
John A. Ellis
J. V. White

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per
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Atty

United States Patent Office.

DANIEL GEBHART, OF SALLIMONIA, ASSIGNOR TO HIMSELF AND PETER WEIMER, OF SARATOGA, INDIANA.

Letters Patent No. 113,870, dated April 18, 1871.

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, DANIEL GEBHART, of Sallimonia, in the county of Jay and State of Indiana, 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 drawing and to the letters of reference marked thereon, which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a bee-hive, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

A represents the box which forms my hive, made of any suitable dimensions, without any bottom, and is to be placed on a board or other convenient place.

The lower edges of the box are beveled, as shown, which effectually prevents the moth from depositing any eggs underneath. The open-bottom hive is by far the most convenient for cleaning.

The back of the hive or box A is formed in three sections, B, C, and D, the lower section B being fastened by screws, and the other two sections by hooks, as shown.

The joints between these sections are all made with tongues and grooves or bevels, so as to prevent rain from penetrating into the hive.

The comb-frames G G are constructed of any suitable material, with the top bar beveled, and notched on the under side to facilitate the formation of the comb.

These frames are arranged within the hive in four tiers, there being four rows of rods, *a a*, attached to the inside of the front of the hive and extending clear back to the back.

The top bar of each comb-frame is bored out longitudinally, and one frame is then placed upon each rod *a* by said rod passing entirely through its top bar.

Pins *d d* on the sides of the frames keep them always a proper distance apart from each other and from the sides of the hive.

The two lower tiers of frames constitute the brood-chamber and the two upper tiers the honey-boxes.

Between the second and third tiers of frames is placed a honey-board, H, made in two unequal sections, and grooved or beaded all around its edges to prevent the bees from waxing it fast.

It has also pins *e e* on its under side to keep it up from the frames upon which it rests.

When the two lower tiers of frames are filled the honey-board is placed on top of the third tier, and, as soon as this tier is also filled, the smaller section of the board is removed, and every other frame in the third tier is moved up in the fourth, and empty frames substituted.

When these new frames are filled then the other section of the board is removed, and the frames of the third tier, which remained at the first change, are moved up and substituted for empty ones. In this manner the bees may be kept constantly at work.

Having thus fully described my invention,

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

The unequally-divided honey-board H, grooved around its edges, and provided with pins *c c*, said board being placed between the comb-frames G G so as to leave an open space between it and the sides of the hive A A, substantially as and for the purpose set forth.

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

DANIEL GEBHART.

Witnesses:

L. D. LAMBERT,

OLIVER MARTIN.