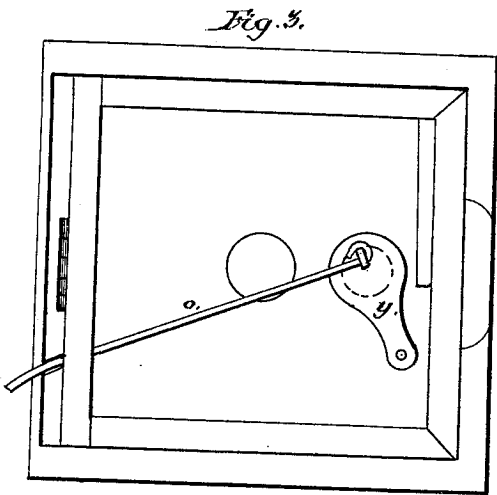
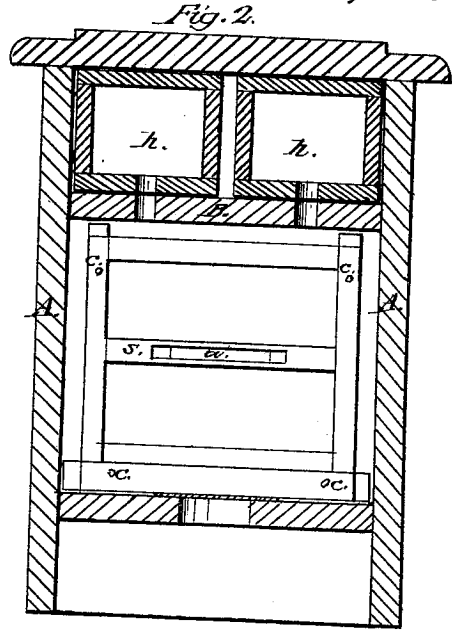
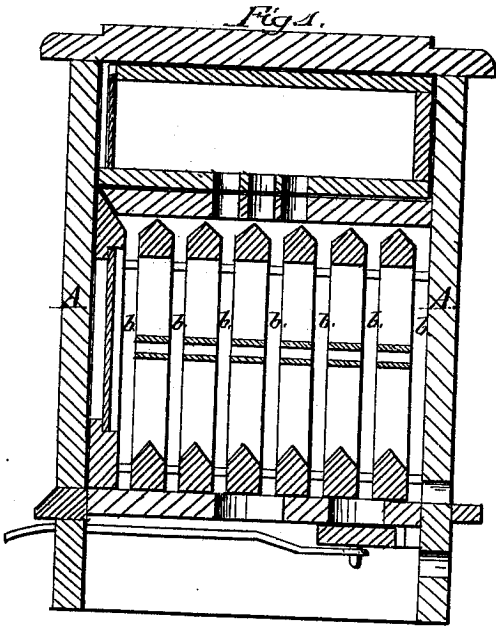


S. Stevens.

Bee Hive.

No. 91,492.

Patented Jan. 15, 1869.



Witnesses:  
James P. Greaves  
J. B. Peyton

Inventor:  
Solomon Stevens  
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attys.

# United States Patent Office.

SOLOMON STEVENS, OF TERRE COUPEE, INDIANA.

Letters Patent No. 91,492, dated June 15, 1869.

## 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, SOLOMON STEVENS, of Terre Coupee, in the county of St. Joseph, and State of Indiana, have invented a new and valuable Improvement in Bee-Hives; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a perpendicular side sectional view of my device.

Figure 2 is a perpendicular front sectional view of the same.

Figure 3 is a bottom sectional view thereof.

My invention relates to bee-hives; and

It consists mainly in providing means whereby robbers may be caught, and made to unite with the bees in the hive, and also in providing means for lessening the travel of bees while passing in or out of the hive, to and from their respective cells.

The letter A of the drawings is a box, in which I place a series of frames, marked *b*, placed upright, and separated by small nails or pins *c*.

I also place a shelf, B, in said box, and adjust the honey-boxes *h* thereon.

The frames *b* have, respectively, side, top, bottom, and centre-bars, the latter of which is marked *s* on the drawings.

In order to afford means for the bees to reach their cells or make their exit therefrom, without passing below the comb, I make slots in these centre-bars, through which the bees may travel to any section of honey-comb they may desire, or from any section to

the front of the hive. These slots are marked *u* on the drawings.

My device for capturing robber-bees is shown on fig. 3.

The letter *y* is a button, pivoted as shown, and to which is attached a wire, *o*.

This device is operated as follows, namely:

I open the button, so as to uncover the opening thereunder. When a proper number of robbers is believed to have entered, I close the opening by means of the wire, and the robbers are secure. A fight now ensues between the tenants and the robbers. The latter are overcome, and become incorporated with the laborers of the hive.

This arrangement serves the purpose of enabling the robbers to elude the sentinels at the regular opening, and provides means for strengthening weak swarms by accessions from strong ones.

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

1. The base, constructed as described, with an opening for the admission of robbers, in the front, and a passage through; the bottom being closed with a slide, substantially as set forth.

2. The combination and arrangement of the base, constructed as described, with a bee-hive, having openings *u* and chambers *h*, when constructed substantially as specified.

In testimony that I claim the above, I have hereunto subscribed my name, in the presence of two witnesses.

Witnesses: SOLOMON STEVENS.  
GEO. W. MATTHEWS,  
G. V. GLOVER.