

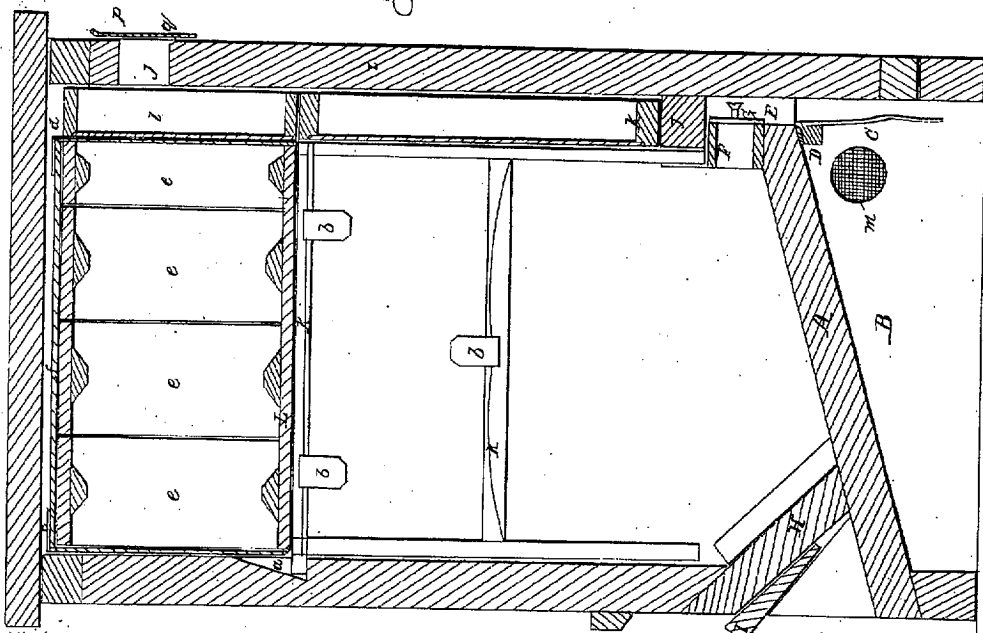
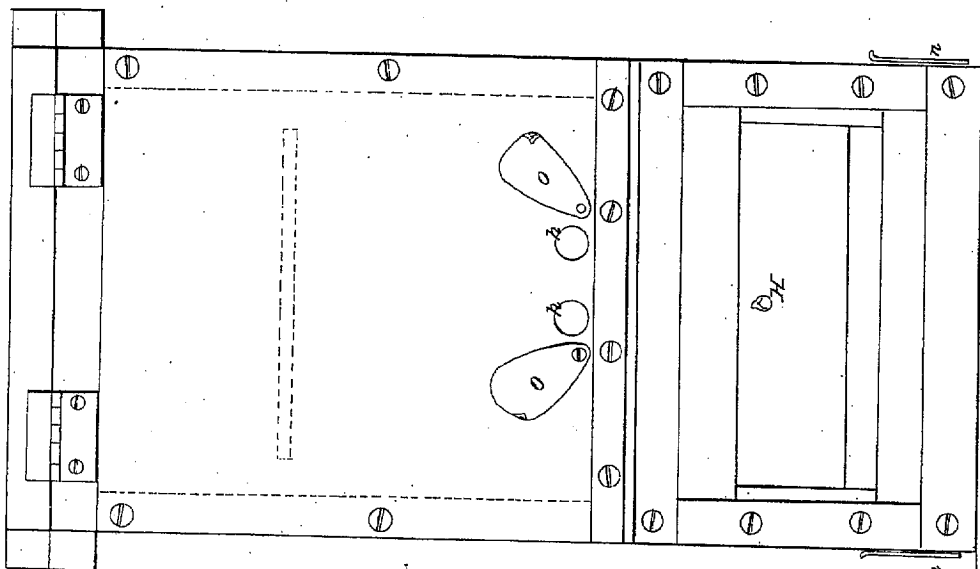
J. S. HARBISON.

2 Sheets—Sheet 1.

Bee-Hive

No. } 121, }
1,225. }

Reissued Sept. 3. 1861.



Witnesses
S. N. Males
M. Buckley

Fig. 1.

Inventor:
John S. Harbison

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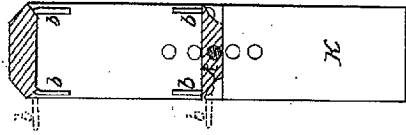


Fig. 4.

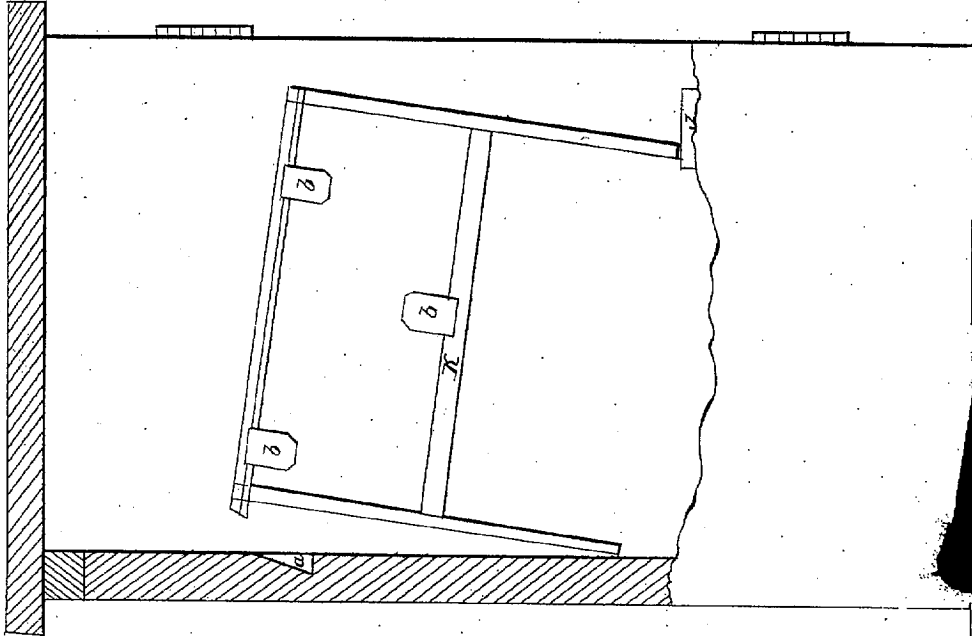


Fig. 5.

Witnesses:

S. N. Hales
R. Buckley

Inventor:

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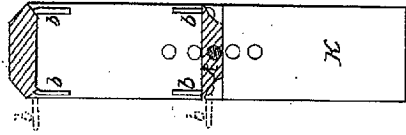


Fig. 4.

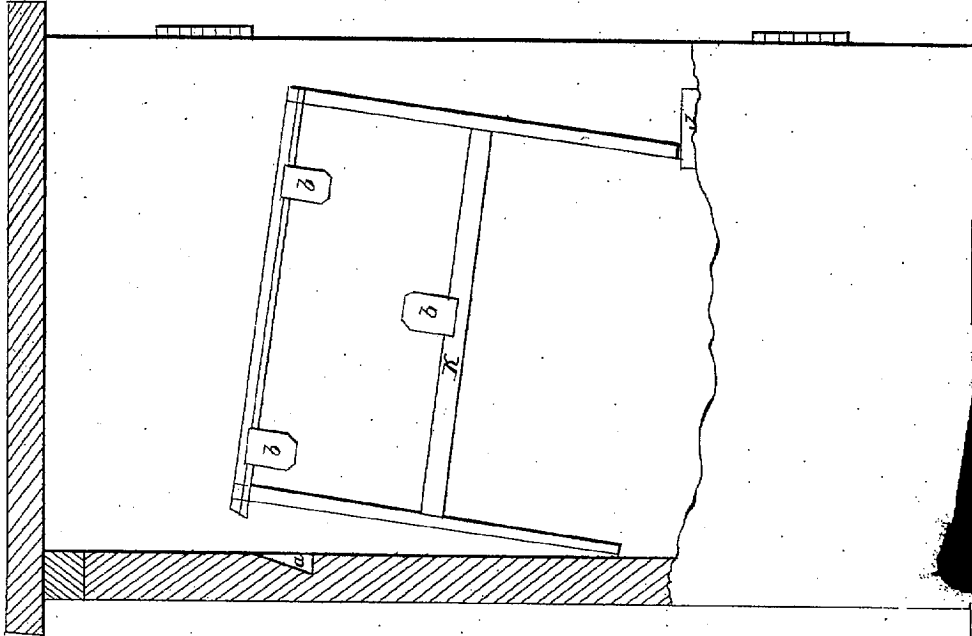


Fig. 5.

Witnesses:

S. N. Hales
R. Buckley

Inventor:

John S. Harbison

may require. In order to secure the sections together, platform J is provided with a flexible back angular strap, *c*, and a flexible front angular strap, *d*, both of which serve to brace the sections of the store honey-box, and, together with an upper coupling-strap, *f*, fitting under the angles of the flexible angular straps and the platform L, serves to hold firmly together the sections.

By removing the coupling-strap *f* and folding down the flexible angular hinged strap *d*, the sections of store honey-box may be removed separately, and by folding the flexible angular hinged strap *d* to its former position, and replacing the coupling-strap *f*, the honey-boxes may all be removed at once, thus affording great ease and facility for reaching the sectional comb-frame K, and also allowing of the honey being removed in small or large quantities, as may be desired. When the store honey-box is removed, the narrow frames can be turned out through the door of the hive in the manner represented in Fig 3, and in their movement will be steadied and guided by the tenon and mortise, and all danger of disturbing adjoining frames thereby avoided. The slide H, being elevated a suitable distance, affords the main passage for the ingress and egress of the bees. There are additional openings *h h* provided with movable covers *o* for the same purpose. The narrow comb-frames

and the store honey-box are inspected through glass frames *l*, when the door is opened.

By constructing the store honey-box, as hereinbefore explained, in sections, which are temporarily united together, one or more sections, or the whole series, may be taken from the hive at will, and the honey sold by the whole box, or narrow sections of a box, to suit the purchaser, and at the same time a frame or support in which to transport the honey is afforded at a slight additional cost.

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

1. The adjustable sectional comb-frames K, constructed and arranged and supported within the hive, as described, so that they may be readily removed through the side or door thereof, substantially as set forth.

2. A separate store honey-box in the upper portion of the hive, constructed in sections temporarily connected together, in the manner hereinbefore explained, and for the purposes specified.

3. The combination, in a bee-hive, of the air-chamber B, ventilation-passages *m*, and curtain C, substantially as and for the purposes set forth.

J. S. HARBISON.

Witnesses:

PRESLEY DUNLAP,
WM. G. ENGLISH.