

A. T. Wright.

Honey Comb Frame.

N<sup>o</sup> 38,925.

Patented Jun. 16, 1863.

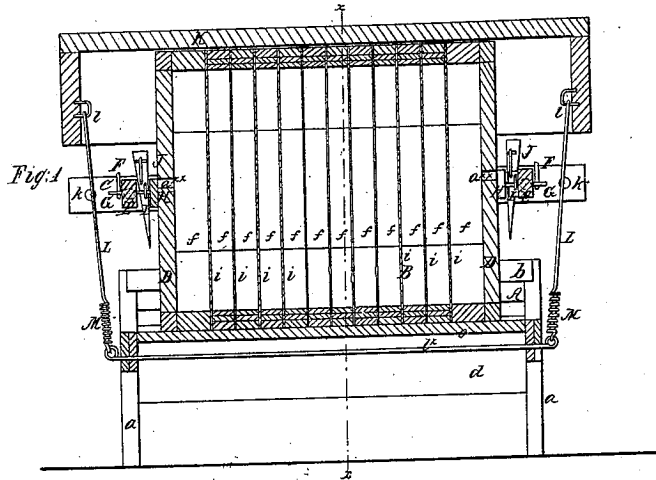


Fig. 2

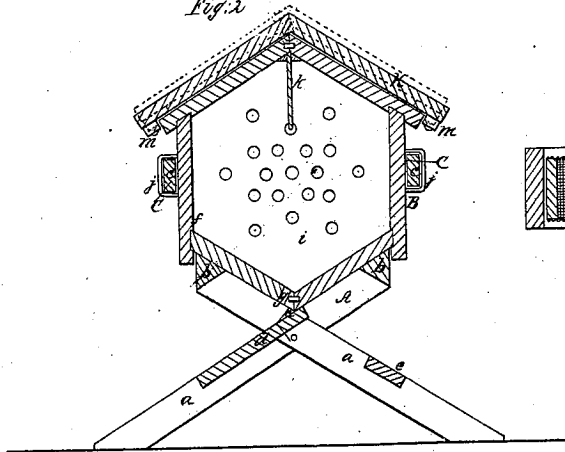


Fig. 4

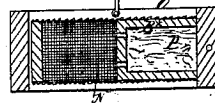
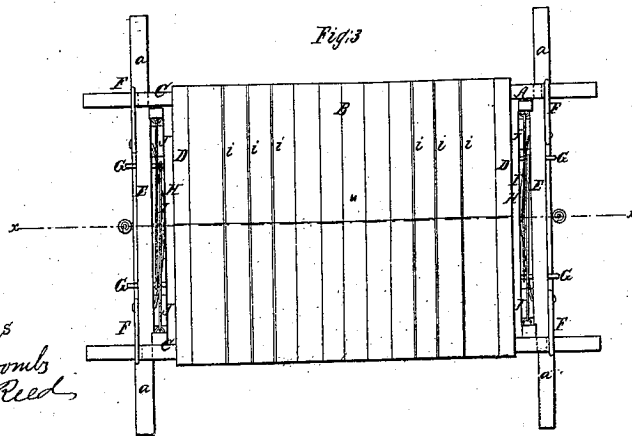


Fig. 3



Witnesses  
J. W. Coombs  
G. W. Reed

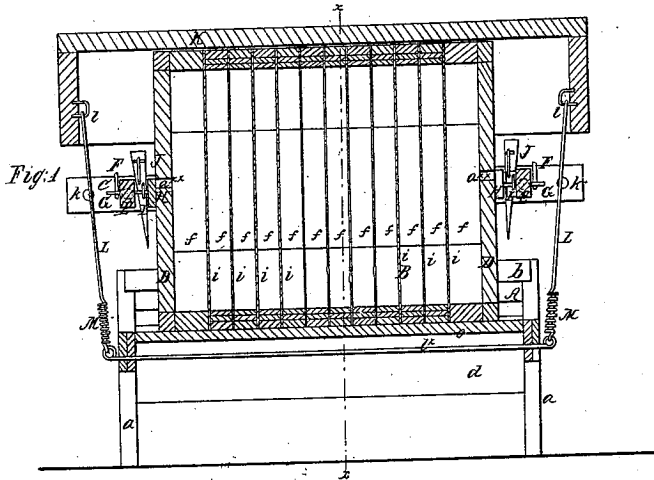
Inventor  
A. T. Wright  
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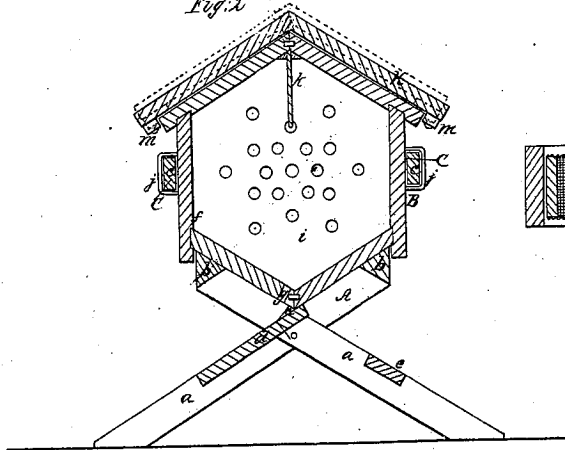
*Honey Comb Frame.*

*N<sup>o</sup> 38,925.*

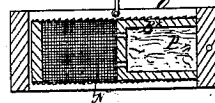
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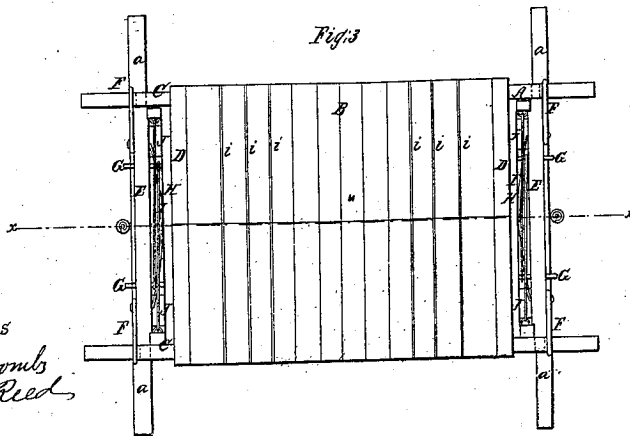
*Fig. 2*



*Fig. 4*



*Fig. 3*



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roof, K, having a double pitch, as shown in Fig. 2. This roof or cover rests on the top of the frames, and is secured in position by hooks *l*, which are fitted in staples *m* at the inner sides of the ends of the roofs. The hooks *l* are formed at the ends of rods L, the lower ends of which are attached one to each end of a rod, *l*<sup>x</sup>, in the trestle A, and have spiral springs M formed on them by bending the rods around a cylinder of suitable diameter. (See Fig. 1.) The springs M bind the trestle, hive, and roof firmly together, and during warm weather the roof may be elevated a short distance above the tops of the frames *f* to admit of an air-space between by means of buttons *m*, which may be turned down, so as to rest upon the top of the hive. The perforated plates or boards *i* insure the combs being built straight within the frames, and in order to more fully guard against an irregular building of the combs comb-guides may be employed, the same consisting of strips of bee-comb secured in a straight line to the under surfaces of the tops of the frames.

The frames *f* are designed—a certain number of them—for brood-combs, and a certain number for spare-honey receptacles, and, as each frame comprises a separate compartment, the queens may be propagated without any trouble or difficulty whatever. The hive also may be enlarged at any time by the adding of the frames either to augment the breeding-divisions of the same or the surplus-honey portion, and the latter may be removed or taken from the hive from time to time, as occasion may require.

I would remark that the bar C of the trestle A may have its side or surface, which is directly above the alighting-board *d*, of rather greater inclination than the latter, in order to facilitate the entrance of the bees into the frames. (See Fig. 2.)

I do not confine myself to the precise form of the frames *f*, end pieces, D, and trestle A, as herein shown and described, for that may be varied materially and the same end at-

tained. Neither do I confine myself to the size or dimensions of the frames, for that also may vary according to circumstances.

N, Fig. 4, represents a cylinder of wire cloth, which is fitted within a wooden frame, O. Within this wire cylinder there is fitted a separate case or feed-box, *b*<sup>x</sup>, inclosing a sponge, P, which is saturated with honey or other food suitable for the queen, and in the vacant space adjoining the feed-box and saturated sponge the queen is placed. By means of this cage queens may be sent by mail, express, or otherwise to distant localities, and the queens also preserved while being introduced into a hive having no queen.

I would remark that holes *a*<sup>xx</sup> may be made in the end pieces so as to admit by punching holes through the combs of winter-passages for the bees.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The employment or use of a series of frames, *f*, placed upon a suitable trestle or support, A, and secured in proper contact with each other by means of a clamping device formed of the longitudinal bars C C, cross-bars E, springs I, bars H, and with or without the wedges J, all arranged and combined substantially as and for the purpose herein set forth.

2. The roof or cover K, applied to the frames *f*, and secured thereto and to the trestle A by means of the hooks *l*, formed at the ends of rods L, provided with springs M, substantially as set forth.

3. The trestle A, constructed substantially as shown, and provided with an alighting-board, *d*, when used in connection with the hive formed of the frames *f*, clamped together, substantially as herein described.

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Witnesses:

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